



CUSABIO BIOTECH CO., LTD.

www.cusabio.com



COMPANY INTRODUCTION

CUSABIO is a leading biotechnology company specialized in production of high quality products for gene, protein, antibody, ELISA kit, in vitro diagnostic raw material, drug residues, food safety small molecule & other small molecule.

Our products cover research areas such as the biosynthesis/metabolism, neurobiology, cytokine, growth factor, autoimmunity and so on, including over 10000 kinds of ELISA kits for 37 species; over 6000 antibodies, thousands of high-quality recombinant proteins through the prokaryotic and eukaryotic expression systems; small molecule antigens and standards used in drug residues, food safety and other field and dozens of excellent proteins and antibodies for diagnostic use.

Besides the high quality products, CUSABIO also provides comprehensive custom services to a broad range of customers around the globe from academic and government research institutions, as well as biotechnology and pharmaceutical companies.

We are always ready to serve researchers in life science and healthcare. To provide products and service tailored to the customer's needs is our immutable aim.



PRODUCT CATALOGUE

1. Assay kit

- ELISA kit
- ELISA kit for food safety & drug residues
- Other kit

2. Protein

- Native protein
- Recombinant protein**
 - E.coli expression system
 - Yeast expression system

3. Antibody

- Primary antibody
- Secondary antibody

4. Molecular biology products

- Host strain
- Vector
- cDNA
- RT-PCR primer
- Clone

5. Small molecule

- Standard
- Small molecule antigen for food safety and drug residues
- Other small molecule antigen

6. Raw material for IVD

- Diagnosis antibody
- Diagnosis antiserum
- Diagnosis antigen

SERVICE

• Gene engineering service

- RT-PCR
- Primer design and synthesis
- Gene synthesis
- Point mutation
- Cloning

• Protein service

- Bacterial expression system
- Yeast expression system
- Native protein purification
- Inclusion body refold
- Protein characterization

• Antibody Service

- Polyclonal antibody preparation
- Monoclonal antibody preparation
- Antibody purification

• Artificial Antigen Service

- Hapten and artificial antigen preparation

ELISA Service

- Sample detection
- Protein and antibody labeling
- ELISA kits customization

Our products range

- Angiogenesis
- Apoptosis/autophagy
- Biosynthesis/metabolism
- Blood coagulation
- Cell adhesion
- Cell cycle
- Complement
- Developmental protein
- DNA damage/DNA repair
- Cytokine
- Drug residues&food safety
- Fertilization
- Growth factor
- Neurobiology
- Oxidative stress
- Pheromone receptor
- Transcription/Transcription -regulation
- Transport
- Ubiquitin
- Signaling pathway
- Autoimmunity

Our products are available for a variety of animal species:

Bird, Bovine, Camel, Canine, Chicken, Deer, Donkey, Duck, Elephant
Feline, Field Mouse, Fish, Goat, Goose, Guinea Pig, Hamster, Horse, Human, Insect, Lizard, Marten, Monkey, Mouse, Nude mouse, Pigeon, Plant, Porcine,
Rabbit, Rat, Rhinoceros, Salmon, Sea Lion, Shark, Sheep, Shrimp, Tadpole, Whale



You can find all products in the DVD attached
Welcome to visit our website: www.cusabio.com.

PRODUCT CATEGORIES

ELISA kit

CUSABIO has a sound platform for the development of ELISA kit, mature antigen-antibody research and development system. We are proficient in a variety of ELISA technologies, such as the double-antibody sandwich method, double antigen sandwich method, (direct) competition ELISA, indirect competition ELISA, blocking method, indirect ELISA and other methods. Combined with diagnostic kits development team, we are able to develop the kits with clinical diagnostic level, and make the quality in the leading place worldwide.

We can assure low intra and inter assay precisions of the ELISA kits as much as possible because we employ triple quality control procedures. The stability of each component in our kit is optimized by high temperature damage test for avoiding the antibody & antigen inactive during transportation & storage. Our kits stand out from the field of research reagents and being popular in dozens of countries worldwide with their perfect standard curves, strict quality control and high stability.

Hot products:

Trace of protein detection:

Interleukin ELISA kits
VEGF ELISA kits
Kidney injury ELISA kits,

Small molecule of diagnosis:

Cortisol ELISA kits
HCY ELISA kits
T3,T4 ELISA kits

Small molecule of food safety:

Gentamicin (GEN) ELISA kit
Tetracycline ELISA kit
Melamine ELISA Kit
AFT ELISA kit

Antibody detection:

Human anti-streptolysin O antibody ELISA Kit
AQP-Ab ELISA kit

Special protein:

Albumin ELISA kits, Globulin Elisa kits of nearly ten species





Primer paris:

Researchers are not sure the expression of some genes in particular tissue and cells, so designing primers just looks like looking for a needle in a haystack idiom. And conditions for amplification system makes the RT-PCR become more difficult. A dozen of professional primer designers in CUSABIO design primer by Primer Premier 5, using RT-PCR system to gain thousands of primers of dozens of species with high specificity and sensitivity. All of our primers have passed the RNA and RT-PCR test. And we have provided many high quality primers to scientific researchers all around the world for RT-PCR test and analyzing the expression of particular mRNA. Our primers have passed several times of QC tests, and we also could provide amplification system and the right types of samples for customers when they purchase our products, which help the RT-PCR tests smoothly.

Hot products:

Raw materials of IVD series:

Human her2 RT-PCR primers, Human cyr61 RT-PCR primers, Human He4 RT-PCR primers, Human ANP RT-PCR primers, Human RBP-4 RT-PCR primers, Human ANP RT-PCR primers.

Research reagents series:

Rat IGF-1 RT-PCR primers, Human ccl24 RT-PCR primers, Escherichia coli series gene primers.



Monoclonal antibody:

CUSABIO specializes in antibody production and customization service. Centering on antibody, we have established a series of technology platform and animal breeding base. The monoclonal antibodies are produced by professionals who work on antibody for many years. Our mature technical route and reliable quality will save your produce time and energy. We can provide customers with high-quality monoclonal antibody products by screening and verifying every production step strictly.

Combined with our kit development platform and diagnosis reagent R & D team, we can guarantee the application of monoclonal antibody products in the field of detection. So far, we have produced a variety of monoclonal antibody materials in diagnosis reagent level, which are praised by customers deeply.



Hot products:

Raw materials of IVD series:

Human NGAL monoclonal antibody, Human troponin monoclonal antibody

Research reagent series:

Human TNF α monoclonal antibody, Human MFGF8 monoclonal antibody

Small molecule series:

Gentamicin monoclonal antibody



The most professional supplier for *in vitro* diagnostic raw materials

New

Streptolysin O
protein

New

Neutrophil gelatinase-associated
lipocalin
Neutrophil gelatinase-associated
lipocalin antibody

New

Retinol-binding protein 4
Retinol-binding protein 4
antibody

New

Human Cystatin-C protein
Human Cystatin-C protein
antibody

NEW
PRODUCTS

Human Cystatin-C protein
Human Cystatin-C protein antibody
Human Beta-2-microglobulin protein
Human Beta-2-microglobulin protein antibody
Human Fatty acid-binding protein, heart protein
Human Fatty acid-binding protein, heart protein antibody

Human Galectin-3 protein
Human Galectin-3 protein antibody
Human WAP four-disulfide core domain protein 2
Human WAP four-disulfide core domain protein 2 antibody
Human Adiponectin protein
Human Adiponectin protein antibody

Human Myoglobin protein
Human Myoglobin protein antibody
Human Troponin I, cardiac muscle protein
Human Troponin I, cardiac muscle protein antibody
Human Interferon gamma protein
Human Interferon gamma protein antibody



CUSABIO[®]

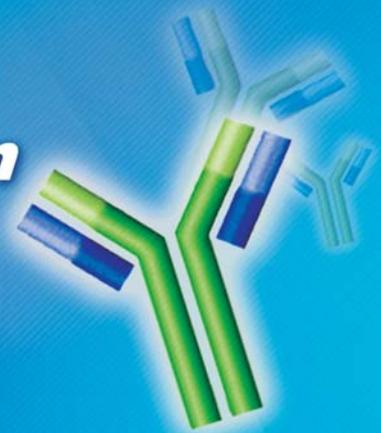
Your good partner in biology research

Leader in the field of antibody production

Produce antibody with **full-length recombinant protein** as antigen, more antigen recognition sites compared with peptide antigen.



Higher affinity, better specificity, higher sensitivity with specific identification of **native antigens**.



Polyclonal antibody:

Antibody is the most commonly used research tool in biology and modern medicine research field, obtaining high-quality antibodies is usually the first step to study protein function. CUSABIO engaged in the professional customization services of polyclonal antibody, we have many experts who have studied in molecular biology, immunology fields for many years. We have first-class antibody preparation staff, developed antibody production equipment, advanced antibody preparation technologies. Rabbits, guinea pigs, goats and other host are immunized by recombinant protein and natural protein, combined with a variety of purification methods to obtain tens species of thousands of polyclonal antibodies.

Our antibodies are all prepared with recombinant protein or native protein, compared with peptide antibody, the affinity and specificity is superior, there're more recognition of antigenic sites, and have much wide range of applications. Antibodies purified by affinity chromatography possess high purity. As to quality control, we prove their sensitivity and discriminating on natural proteins by rigorous ELISA test, verify its specificity by West blot test, our antibody has broader scope of application and it's a powerful tool for scientific research personnel to study their subjects.

Hot product:

Raw materials of IVD series:

Goat anti-human cystatin C polyclonal antibody, Rabbit anti-human Myoglobin polyclonal antibody.

Secondary antibody series:

Guinea pig anti-rabbit IgG polyclonal antibody, Rabbit anti-human IgG polyclonal antibody.

Tag antibody series:

Rabbit anti-GST polyclonal antibody, Rabbit anti-MBP polyclonal antibody.

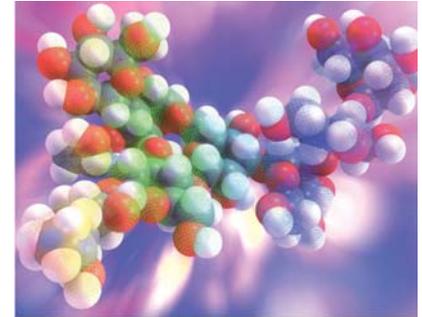
Other research reagents series:

Rabbit anti-human HSP60 polyclonal antibody, Rabbit anti-human Calmodulin polyclonal antibody.



Protein:

Depend on many kinds of prokaryotic and eukaryotic expression systems, expression vector optimization as well as combined with many purification technologies, CUSABIO has gained thousands of highly purified recombinant proteins from dozens of species with high biological activity, which also provide expression-ready cDNA clone that can be transformed in the E.coli directly and needs no subcloning. At the same time, we've got the high purity native protein from dozens of species by many kinds of purification technologies. The high-quality proteins have been supplied to thousands of customers from many countries all around the world. The protein raw materials which related to diagnostic reagents are all passed the world first-class protein characteristics evaluations that ensures the quality of protein maximally.



Hot products

Raw materials of IVD series:

- Recombinant Human muscle hemoglobin
- Recombinant human Troponin-I
- Recombinant HPV16L1
- Recombinant HIN1 HA
- Recombinant human RBP-4
- Recombinant human cystatin C
- Recombinant human NGAL

Research reagents series:

- Recombinant human TNF α
- Recombinant mouse cxcl13
- Recombinant human IL1a
- Recombinant human IL8



**WE PROVIDE
THE BEST PROTEIN EXPRESSION SERVICE**

E. coli, yeast, and other expression systems

High purity, High efficiency, Low prices.
Professional design, strong technical team, ALL about recombinant protein

1-2mg purified recombinant protein starts from **\$968**, fastest in **2-3 weeks.**

From gene synthesis to protein expression and purification, CUSABIO provides you reliable one-stop service.



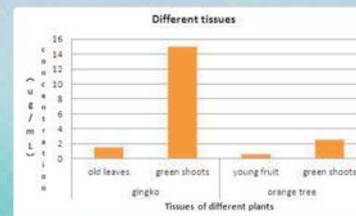
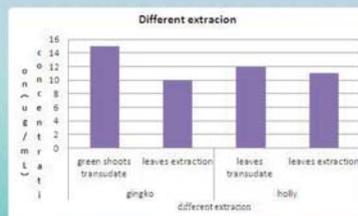
CHOOSE CUSABIO, CHOOSE THE BEST!

New Product

Good news for phytohormone researchers!

Abscisic acid ELISA kit

This Elisa kit specifically tests exogenous (chemosynthetic) and endogenous plant abscisic acid using international recognized material as standards. The result is accurate and can be used as the gold standard to test the concentration of abscisic acid.



Small molecule:

Besides owning professional R & D team of small molecule antigen synthesis and advanced experimental facilities, we also cooperate with Wuhan University and Huazhong Agricultural University, and employ experienced researchers to be our technical consultants. All of these advantages can ensure all the projects to be finished successfully. Our small molecule antigen products include food safety, drug residues, and diagnostic reagents for both human and animals. Each product got in the process of this small molecule antigen synthesis will undergo strict test to ensure that we can provide customer products with the best quality.



Hot products:

Raw materials of IVD series

Cystatin C, 5-Hydroxytryptamine etc.
Cystatin C, 5-Hydroxytryptamine etc.

Drug residues products

melamine, clenbuterol etc.



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