

## Protein custom services

Protein expression and purification

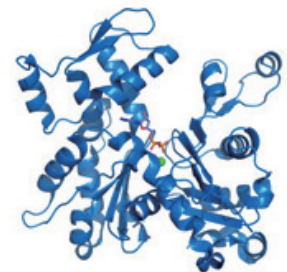
--high purity, high biological activity, low endotoxin

Shanghai PrimeGene Bio-tech Co., Ltd. established in 2006, and joined Bio-Techne group (NASDAQ: TECH) as one of its brands, is a high-tech enterprise that focuses on the research, development and production of recombinant proteins. The company has more than 6,000 square meters of protein expression and purification workshops, including more than 1000 square meters of GMP-grade recombinant protein expression and purification workshops. The products cover various categories such as cytokines, chemokines, enzymes, which involved in cell culture, cell therapy, biological purification and in vitro diagnostic fields.

The protein experts of PrimeGene<sup>™</sup> have rich experience in protein expression and purification. Our one-stop service, from gene synthesis to protein expression, folding, purification and enlarging cultivation of stable cell lines, is convenient for your order.

### Competitive advantages

- Multiple expression systems
- Abundant protein folding technologies
- Flexible purification systems
- Large scale production
- High efficiency and high quality



### Prokaryotic protein expression system

- The most commonly used system
- The most cost-effective system

The experts of PrimeGene<sup>™</sup> have more than 20 years experiences in large foreign biomedical companies and can resolve various bottle-neck problems. So far, as many as 600 kinds of proteins have been submitted to the customers.

### Yeast protein expression system

- High yield
- High efficiency
- Similar to mammalian expression system
- Durable and stable
- The expressed proteins are glycosylated using genetically modified yeast

## Baculovirus-insect cell protein expression system

- Suitable for large scale recombinant protein production
- Easy process
- High expression level
- Post-translational modification

## Large scale production

- The most comprehensive expression system
- The most advanced patented protein expression technology
- Large fermenter and bioreactor
- Available in gram grade with up to 98% purity of active protein



## A wide range of products to meet a variety of needs

Categories	
Cytokines	Adhesive factor
Chemokines	Neurotrophic factor
Protease	Developmental proteins
Growth factor	Other proteins

Species		
Human	Rhesus monkey	Others
Murine	Virus	
Rat	Porcine	
Equine	Canine	

Please visit [www.primegene.com](http://www.primegene.com) for more products