

# Recombinant Human Fetuin A/AHSG Protein

Catalog No.: RP00304 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	197	P02765

### Tags

C-6×His

### Synonyms

AHSG; A2HS; AHS; FETUA; HSGA;  
alpha-2-HS-glycoprotein

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

&lt; 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 7.5. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues. However, its exact significance is still obscure.

## Basic Information

### Description

Recombinant Human Fetuin A/AHSG Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Ala19-Val367) of human Fetuin A/AHSG (Accession #P02765) fused with a 6×His tag at the C-terminus.

### Bio-Activity

Measured by its ability to inhibit calcium phosphate precipitation. The IC<sub>50</sub> value is <50 μg/mL.

### Storage

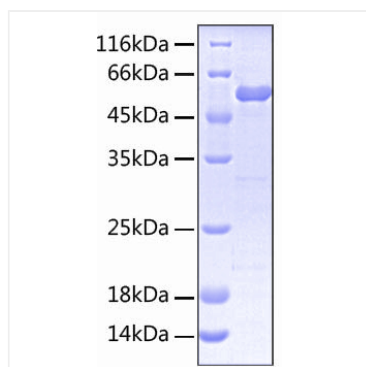
Store the lyophilized protein at -20°C to -80 °C for long term.  
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

## Contact

| [www.abclonal.com](http://www.abclonal.com)

## Validation Data

---



Recombinant protein Human Fetuin A/AHSG was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 60 kDa.