

## Recombinant Human AHSG Protein

**Cat. No.** AHSG-816H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant human AHSG protein without tag was expressed in HEK293.

**Species**                      Human

**Source**                        HEK293

**ProteinLength**              367

**Description**                The protein encoded by this gene is a negatively-charged serum glycoprotein that is synthesized by hepatocytes. The encoded protein consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several processes, including endocytosis, brain development, and the formation of bone tissue. Defects in this gene are a cause of susceptibility to leanness.

**Form**                            Lyophilized

**Molecular Mass**            38.2 kDa

**AA Sequence**

```

MKSLVLLCLLAQLWGCHSAPHGPGLIYRQPNCDPEETEEAALVAIDYINQNLPGWYK
HTLNQIDEVKVWPQQPSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDC
DFQLLKLDGKFSVVYAKCDSSPDSAEDVRKVCQDCPLLAPLNDTRVVHAAKALAA
FNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVAKEATEAAKCNLLAEKQY
GFCKATLSEKLGGAEVAVTCMVFQTQPVSSQPQPEGANEAVPTPVDPDAPPSPPL
GAPGLPPAGSPPD SHVLLAAPPQHQLHRAHYDLRHTFMGVVSLGSPSGEVSHPRK
TRTVVQPSVGAAGPVVPPCPGRIRHFVKV
    
```

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<b>Purity</b>	> 98%
<b>Applications</b>	Migration Assay; WB; ELISA;
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H <sub>2</sub> O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	AHSG alpha-2-HS-glycoprotein [ Homo sapiens (human) ]
<b>Official Symbol</b>	AHSG
<b>Synonyms</b>	AHSG; alpha-2-HS-glycoprotein; A2HS; FETUA; HSGA; fetuin-A; alpha-2-Z-globulin; ba-alpha-2-glycoprotein; AHS;
<b>Gene ID</b>	197
<b>mRNA Refseq</b>	NM_001622

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**Protein Refseq** [NP\\_001613](#)

**MIM** [138680](#)

**UniProt ID** [P02765](#)

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