

# Recombinant Human AHSG Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** AHSG-2173H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

AHSG MS Standard C13 and N15-labeled recombinant protein (NP\_001613) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### 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.

### Molecular Mass

39.3 kDa

### AA Sequence

MKSLVLLLCLAQLWGCHSAPHGPGLIYRQPNCDDEPETEEAALVAIDYINQNLPGWYK  
 HTLNQIDEVKVWPQQPSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDC  
 DFQLLKLDGKFSVVYAKCDSSPDSAEDVRKVCQDCPLLAPLNDTRVVHAAKALAA  
 FNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVAKEATEAAKCNLLAEKQY  
 GFCKATLSEKLGGAEVAVTCTVFQTQPVTSPQPPEGANEAVPTPVVDPDAPPSPL  
 GAPGLPPAGSPPDSHVLLAAPPQHQLHRAHYDLRHTFMGVVSLGSPSGEVSHPRK  
 TRTVVQPSVGAAAGPVVPPCPGRIRHFVTRTRPLEQKLISEEDLAANDILDYKDDD  
 DKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

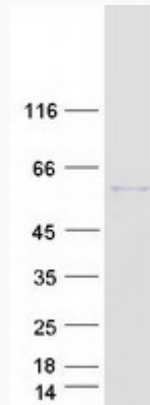
<b>Gene Name</b>	AHSG alpha-2-HS-glycoprotein [ Homo sapiens (human) ]
<b>Official Symbol</b>	AHSG
<b>Synonyms</b>	AHSG; alpha-2-HS-glycoprotein; A2HS; FETUA; HSGA; fetuin-A; alpha-2-Z-globulin; ba-alpha-2-glycoprotein; AHS;
<b>Gene ID</b>	197
<b>mRNA Refseq</b>	NM_001622
<b>Protein Refseq</b>	NP_001613
<b>MIM</b>	138680
<b>UniProt ID</b>	P02765

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**SDS-PAGE**



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