

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	MKSLVLLLC LAQLWGCHSAPHGPGLIYRQPN CDDPETEEAALVAIDYINQNL PWGYK HTLNQIDEVKVWPQQPSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDC DFQLLKLDGKFSVYAKCDSSPDSAEDVRKVCQDCPLLAPLNDTRVVHAAKAALAA FNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVAKEATEAAKCNLLAEKQY GFCKATLSEKLGGAEVAVTCTVFQTQPVT SQPQPEGANEAVPTPVVDPDAPPSPPL GAPGLPPAGSPPD SHVLLAAPP GHQLHRAHYDLRHTFMGVVSLGSPSGEVSHPRK TRTVVQPSVGAAAGPVVPPCPGRIRHFKVTRTRPLEQKLISEEDLAANDILDYKDDD DKV

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

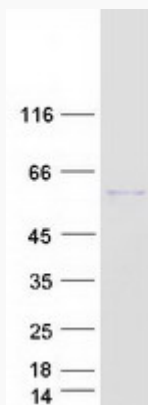
GENE INFORMATION

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

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SDS-PAGE

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