

Recombinant Full Length Human AHSG Protein, C-Flag-tagged

Cat. No. AHSG-446HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human AHSG Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	39.2 kDa
AA Sequence	MKSLVLLLCLAQLWGCHSAPHGPGLIYRQPNCDDEPETEEAALVAIDYINQNLPGWGYK HTLNQIDEVKVWP QQPSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDC DFQLLKLDGKFSVVYAKCDSSPDSAE DVRKVCQDCPLLAPLNDTRVVHAAKAALAA FNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVA KEATEAAKCNLLAEKQ YGFCKATLSEKLGGAEVAVTCTVFQTQPVTSQPQPEGANEAVPTPVVDPDAPPS P PLGAPGLPPAGSPPDShVLLAAPPQHQLHRAHYDLRHTFMGVVSLGSPSGEVSH RKTRTVVQPSVGAA AGPVVPPCPGRIRHFKVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	AHSG alpha 2-HS glycoprotein [Homo sapiens (human)]
Official Symbol	AHSG
Synonyms	AHS; A2HS; HSGA; APMR1; FETUA
Gene ID	197
mRNA Refseq	NM_001622.4
Protein Refseq	NP_001613.2
MIM	138680

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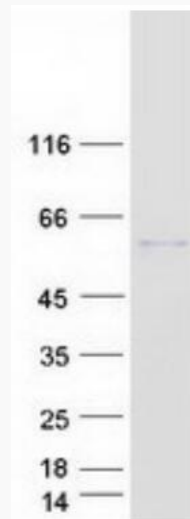
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UniProt ID

P02765



Coomassie blue staining of purified AHSG protein.

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