

Recombinant Full Length Human AHSG Protein, GST-tagged

Cat. No. AHSG-952HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AHSG full-length ORF (AAH48198.1, 19 a.a. - 367 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	367 amino acids
Description	<p>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. [provided by RefSeq, Jul 2008]</p>
Molecular Mass	64.13 kDa
AA Sequence	<p>APHGPGLIYR QPNCDDPETE EAALVAIDYI NQNLPGWGYKH TLNQIDEVKV WPQQPSGELF EIEIDTLETT CHVLDPTPVA RCSVRQLKEH AVEGDCDFQL LKLDGKFSVV YAKCDSSPDS AEDVRKVCQD CPLLAPLNDT RRVHAAKAAL AAFNAQNNGS NFQLEEISRA QLVPLPPSTY VEFTVSGTDC VAKEATEAAK CNLLAEKQYG FCKATLSEKL GGAEVAVTCT VFQTQPVT SQ PQPEGANEAV</p>

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PTPVVDPDAP PSPPLGAPGL PPAGSPDSDH VLLAAPPGHQ LHRAHYDLRH
TFMGVVSLGS PSGEVSHPRK TRTVVQPSVG AAAGPVVPPC PGRIRHFKV

Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

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