

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	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]
Molecular Mass	64.13 kDa
AA Sequence	APHGPGLIYR QPNCDDPETE EAALVAIDYI NQNLPWGYKH TLNQIDEVKV WPQQPSGELF EIEIDTLETT CHVLDPTPVA RCSVRQLKEH AVEGDCDFQL LKLDGKFSVV YAKCDSSPDS AEDVRKVCQD CPLLAPLNDT RRVHAAKAAL AAFNAQNNGS NFQLEEISRA QLVPLPPSTY VEFTVSGTDC VAKEATEAAK CNLLAEKQYG FCKATLSEKL GGAEVAVTCT VFQTQPVTSQ PQPEGANEAV

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PTPVVDPDAP PSPPLGAPGL PPAGSPDSDH VLLAAPPGHQ LHRAHYDLRH
TFMGVVSLSGS PSGEVSHPRK TRTVVQPSVG AAAGPVVPPC PGRIRHFKV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

AHSG alpha-2-HS-glycoprotein [Homo sapiens]

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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