

Recombinant Human AHSG Protein, GST-tagged

Cat. No. AHSG-470H **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 | Wheat Germ |
| 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>APHGPGLIYRQPNCDDPETEEAALVAIDYINQNLPWGYKHTLNQIDEVKVWPQQPS GELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDCDFQLLKLDGKFSVVYAKC DSSPDSAEDVRKVCQDCPLLAPLNDTRVVHAAKAALAAFNAQNNGSNFQLEEISRA QLVPLPPSTYVEFTVSGTDCVAKEATEAAKCNLLAEKQYGFCKATLSEKLGGAEVAV TCTVFQTQPVTSQPQPEGANEAVPTPVVDPDAPPSPLGAPGLPPAGSPDPSHVLL AAPPQHQLHRAHYDLRHTFMGVVSLGSPSGEVSHPRKTRTVVQPSVGAAAGPVVP</p> |

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PCPGRIRHFKV

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80centigrade. 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](#)

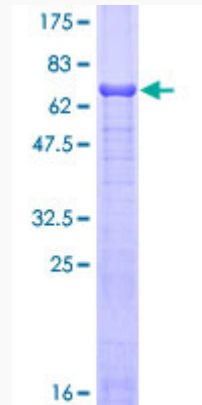
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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