

Recombinant Human AHSG protein, T7/His-tagged

Cat. No. AHSG-202H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human AHSG (19-367 aa, derived from BC048198) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-367 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose, DTT .
AA Sequence	MASMTGGQQMGRGRHHHHHHENLYFQGGEFAPHGPGLIYRQPNCDDEPETEEAALV AIDYINQNLPGWYKHTLNQID EVKVWPQQPSGELFEIEIDTLETTCHVLDPTPVARCS VRQLKEHAVEGDCDFQLLKLDGKFSVVYAKCDSSPDSA EDVRKVCQDCPLLAPLN DTRVVHAAKAALAAFNANNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVAKA T EAAKCNLLAEKQYGFCATLSEKLGGAEVAVTCTVFQTQPVTSQPQPEGANEAVP TPVVDPDAPSPPLGAPGLP PAGSPDSDHLLAAPPQHQLHRAHYDLRHTFMGVV SLGSPSGEVSHPRKTRTVVQPSVGAAAGPVVPPCPGRIRH FKV
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro AHSG mediated cell differentiation / activation regulation study with this protein either as soluble factor or as coating matrix protein.2. May be used for mapping AHSG protein-protein interaction.3. May be used as specific

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substrate protein for kinase, and ubiquitin (Sumo pathway) related enzyme functional screening assays.4. Potential biomarker protein for early diagnosis of Rheumatoid Arthritis, Hypothyroidism et al.5. As antigen for specific antibody production.

Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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](#)

Chromosome Location 3q27.3

Pathway BMP receptor signaling, organism-specific biosystem;

Function cysteine-type endopeptidase inhibitor activity; kinase inhibitor activity; receptor

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signaling protein tyrosine kinase inhibitor activity;

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