

## Recombinant Human AHSG protein, T7/His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	19-367 a.a.
<b>Form</b>	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose, DTT .
<b>AA Sequence</b>	MASMTGGQQMGRGRGHHHHHHENLYFQGGEFAPHGPGLIYRQPNCDPETEEAALV AIDYINQNLPGYKHTLNQID EVKVWPQQPSGELFEIEIDTLETTCHVLDPTPVARCS VRQLKEHAVEGDCDFQLLKLDGKFSVVYAKCDSSPDSA EDVRKVCQDCPLLAPLN DTRVVHAAKAALAAFNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVAKEA T EAAKCNLLAEKQYGFKATLSEKLGGAEVAVTCTVFQTQPVT SQPQPEGANEAVP TPVVDPDAPPSPPLGAPGLP PAGSPD SHVLLAAPPQHQLHRAHYDLRHTFMGVV SLGSPSGEVSHPRKTRTVVQPSVGAAAGPVVPPCPGRIRH FKV
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	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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