

## Active Recombinant Mouse Ahsg protein(Met1-Ile345), His-tagged

**Cat. No.** Ahsg-705M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse AHSG (NP_038493.1) precursor (Met1-Ile 345) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ile345
<b>Form</b>	Lyophilized from sterile 25mM Tris, 0.15mM NaCl, pH 7.8. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	1. Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH <sub>2</sub> . The IC <sub>50</sub> value is <200 nM.
<b>Molecular Mass</b>	The secreted recombinant mouse AHSG consists of 338 amino acids and has a predicted molecular mass of 36.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm AHSG is approximately 50 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Ahsg alpha-2-HS-glycoprotein \[ Mus musculus \]](#)

**Official Symbol** [Ahsg](#)

**Synonyms** AHSG; alpha-2-HS-glycoprotein; countertrypsin; fetuin-A;

**Gene ID** [11625](#)

**mRNA Refseq** [NM\\_013465](#)

**Protein Refseq** [NP\\_038493](#)

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