Active Recombinant Mouse Ahsg Protein, His-tagged

Cat. No. Ahsg-674M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ahsg (Accession # NP_038493) Ala19-Ile345, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ala19-Ile345
Predicted N Terminal	Ala19
Form	Lyophilized from a 0.2 μm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH2.The IC50 value is <0.20 μM, as measured under the the described conditions.
Molecular Mass	Recombinant Mouse Ahsg, His-tagged has a calculated MW of 37 kDa. In SDS-PAGE migrates as 58 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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Reconstitution	Reconstitute at 100 μg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	Ahsg alpha-2-HS-glycoprotein [Mus musculus]
Official Symbol	Ahsg
Synonyms	AHSG; alpha-2-HS-glycoprotein; countertrypin; fetuin-A;
Gene ID	11625
mRNA Refseq	NM_013465
Protein Refseq	NP_038493
MIM	

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