

## Product datasheet for **TP727513**

### Ahsg Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse $\alpha$ 2-HS-Glycoprotein//AHSG/Fetuin A (C-10His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala19-Ile345
Tag:	N-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.
Note:	Recombinant Mouse alpha-2-HS-Glycoprotein is produced by our Mammalian expression system and the target gene encoding Ala19-Ile345 is expressed with a 10His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	11625
UniProt ID:	<a href="#">P29699</a>
Summary:	Alpha-2-HS-glycoprotein (AHSG) is a glycoprotein that is composed of two subunits, the A and B chains, belongs to the Cystatin family of proteases inhibitors. It is highly expressed in embryonic cells and adult hepatocytes, and is expressed to a lesser extent in monocytes/macrophages. AHSG is an important circulating inhibitor of calcification in vivo, and is downregulated during the acute-phase response. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. In addition, AHSG may influence the resolution of inflammation by modulating the phagocytosis of apoptotic cells by macrophages. ASHG blocks TGF-beta-dependent signaling in osteoblastic cells.



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