

Product datasheet for **TP308344L**

Fetuin A (AHSG) (NM_001622) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human alpha-2-HS-glycoprotein (AHSG), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208344 protein sequence Red =Cloning site Green =Tags(s)

MKSLVLLLCLAQLWGCHSAPHGPGLIYRQPNCDPETEEAALVAIDYINQNLPGWYKHTLNQIDEVKVWP
QQPSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDCDFQLLKLDGKFSVWYAKCDSSPDSAE
DVRKVCQDCPLLAPLNDTRVVHAAKAALAAFNQNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVA
KEATEAAKCNLLAEKQYGFCKATLSEKLGGAEVAVTCTVFQTQPVTSPQPEGANEAVPTPVVDPDAPPS
PPLGAPGLPPAGSPDASHVLLAAPPQHQLHRAHYDLRHTFMGVVSLGSPSGEVSHPRKTRTVVQPSVGAA
AGPVVPPCPGRIRHFKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	39.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001613</u>
Locus ID:	197



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UniProt ID: [P02765](#)

RefSeq Size: 1594

Cytogenetics: 3q27.3

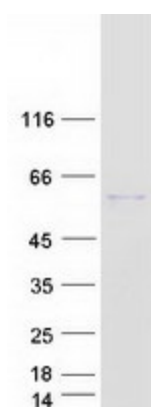
RefSeq ORF: 1101

Synonyms: A2HS; AHS; APMR1; FETUA; HSGA

Summary: The protein encoded by this gene is a negatively-charged serum glycoprotein that is synthesized by hepatocytes. The encoded protein consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several processes, including endocytosis, brain development, and the formation of bone tissue. Defects in this gene are a cause of susceptibility to leanness. [provided by RefSeq, Aug 2017]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified AHSG protein (Cat# [TP308344]). The protein was produced from HEK293T cells transfected with AHSG cDNA clone (Cat# [RC208344]) using MegaTran 2.0 (Cat# [TT210002]).