

Product datasheet for **TP308344M**

Fetuin A (AHSG) (NM_001622) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human alpha-2-HS-glycoprotein (AHSG), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC208344 protein sequence
Red=Cloning site **Green**=Tags(s)

MKSLVLLLCLAQLWGCHSAPHGPGLIYRQPNCDPETEEAALVAIDYINQNLPWGYKHTLNQIDEVKVWP
QQPSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDCDFQLLKLDGKFSVWYAKCDSSPDSAE
DVRKVCQDCPLLAPLNDTRVVHAAKAALAAAFNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVA
KEATEAAKCNLLAEKQYGFCKATLSEKLGGAEVAVTCTVFQTQPVTSQPQPEGANEAVPTPVVDPDAPPS
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: [NP_001613](#)

Locus ID: 197



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UniProt ID: [P02765](#)

RefSeq Size: 1594

Cytogenetics: 3q27.3

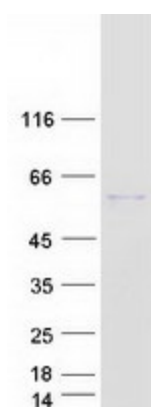
RefSeq ORF: 1101

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]).