

Product datasheet for PH308344

Fetuin A (AHSG) (NM_001622) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AHSG MS Standard C13 and N15-labeled recombinant protein (NP_001613)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208344
Predicted MW:	39.3 kDa
Protein Sequence:	>RC208344 protein sequence Red=Cloning site Green=Tags(s)

MKSLVLLLC LAQLWGCHSAPHGGLIYRQPNCDDEPETEEAALVAIDYINQNLPGWYKHTLNQIDEVKVWP
QQPSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDCDFQLLKL DGKFSVVYAKCDSSPDSAE
DVRKVCQDCPLLAPLNDTRVVHAAKAALAAFNAQNGSNFQLEEI SRAQLVPLPPSTYVEFTVSGTDCVA
KEATEAAKCNLLAEKQYGFCKATLSEKLGGAEVAVTCTVFQTPVTSQPQPEGANEAVPTPVDPDAPPS
PPLGAPGLPPAGSPPDSHVLLAAPPQHQLHRAHYDLRHTFMGVVSLGSPSGEVSHPRKTRTVVQPSVGAA
AGPVVPPCPGRIRHFV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001613</u>
RefSeq Size:	1594
RefSeq ORF:	1101
Synonyms:	A2HS; AHS; APMR1; FETUA; HSGA
Locus ID:	197



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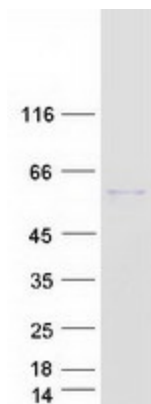
UniProt ID: [P02765](#)

Cytogenetics: 3q27.3

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]).