

Recombinant Full Length Human AP3M2 Protein, GST-tagged

Cat. No. AP3M2-1159HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP3M2 full-length ORF (NP_006794.1, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	418 amino acids
Description	This gene encodes a subunit of the heterotetrameric adaptor-related protein complex 3 (AP-3), which belongs to the adaptor complexes medium subunits family. The AP-3 complex plays a role in protein trafficking to lysosomes and specialized organelles. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Aug 2008]
Molecular Mass	73.4 kDa
AA Sequence	MIHSLFLINS SGDIFLEKHW KSVVSRSVCD YFFEAQERAT EAENVPPVIP TPHHYLLSVY RHKIFFVAVI QTEVPPLFVI EFLHRVVDTF QDYFGVCSEP VIKDNVVVVY EVLEEMLDNG FPLATESNIL KELIKPPTIL RTVVNTITGS TNVGDQLPTG QLSVVPWRRT GVKYTNNEAY FDVIEEIDAI IDKSGSTITA EIQGVIDACV KLTGMPDLTL SFMNPRLDD VSFHPCVRFK RWESERILSF IPPDGNFRL SYHVS AQNLV AIPVYVKHNI SFRDSSSLGR FEITVGPKQT MGKTIEGVTV TSQMPKGVLN MSLTPSQGTH TFDPVTKMLS WDVGKINPQK LPSLKG TMSL QAGASKPDEN PTINLQFKIQ QLAI SGLKVN RLD MYGEKYK

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	PFKGIKYM TK AGKFQVRT
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	AP3M2 adaptor-related protein complex 3, mu 2 subunit [Homo sapiens]
Official Symbol	AP3M2
Synonyms	AP3M2; adaptor-related protein complex 3, mu 2 subunit; AP-3 complex subunit mu-2; AP47B; CLA20; mu3B-adaptin; HA1 47kDa subunit homolog 2; HA1 47 kDa subunit homolog 2; clathrin-associated protein AP47 homolog 2; golgi adaptor AP-1 47 kDa protein homolog 2; clathrin coat assembly protein AP47 homolog 2; adapter-related protein complex 3 mu-2 subunit; clathrin coat-associated protein AP47 homolog 2; clathrin assembly protein assembly protein complex 1 medium chain homolog 2; P47B
Gene ID	10947
mRNA Refseq	NM_001134296
Protein Refseq	NP_001127768
MIM	610469

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