

# Recombinant Full Length Human AP3M2 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human AP3M2 full-length ORF ( NP_006794.1, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	418 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	73.4 kDa
<b>AA Sequence</b>	MIHSLFLINS SGDIFLEKHW KSVVSRVCD YFFEAQERAT EAENVPPVIP TPHHYLLSVY RHKIFFVAVI QTEVPPLFVI EFLHRVVDTF QDYFGVCSEP VIKDNV VVVY EVLEEMLDNG FPLATESNIL KELIKPPTIL RTVVNTITGS TNVGDQLPTG QLSVVPWRRRT GVKYTNNEAY FDVIEEIDAI IDKSGSTITA EIQGVIDACV KLTGMPDLTL SFMNPRLDD VSFHPCVRFK RWESERILSF IPPDGNFRL SYHVSQAQLV AIPVYVKHNI SFRDSSSLGR FEITVGPKQT MGKTIEGTV TSQMPKGVN MSLTPSQGTH TFDPVTKMLS WDVGKINPQK LPSLKGTM SL QAGASKPDEN PTINLQFKIQ QLAI SGLKVN RLD MYGEKYK

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PFKGIKYMTK 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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UniProt ID

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