

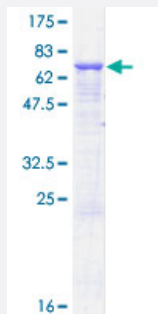
Full-Length

AP3M2 (Human) Recombinant Protein (P01)

Catalog # H00010947-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human AP3M2 full-length ORF (NP_006794.1, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MIHSLFLINSSGDIFLEKHWKSVVSRVCDYFFEAQERATEAENVPPVIPTPHHYLLSVYRHKIFFV
AVIQTEVPPLFVIEFLHRVVDTFQDYFGVCSEPVIKDNVVVYEVLEEMLDNGFPLATESNILKELIK
PPTILRTVNTITGSTNVGDQLPTGQLSVVPWRRTGVKYTNNEAYFDVIEEIDAIDKSGSTITAEIQGV
IDACVKLTGMPDLTSLFMNPRLLDDVSFHPCVRFRWESERILSFIPPDGNFRLLSYHVSANLVA
IPVYVKHNISFRDSSSLGRFEITVGPKQTMGKTIEGVTVTSQMPKGVNLMSLTPSQGHTFDPTVK
MLSWDVGKINPQKLPSLKGTMQLQAGASKPDENPTINLQFKIQQLAISGLKVNRLDMYGEKYKPFK
GIKYMTKAGKFQVRT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.4

Interspecies Antigen Sequence

Mouse (98); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AP3M2

Entrez GeneID	10947
GeneBank Accession#	NM_006803.2
Protein Accession#	NP_006794.1
Gene Name	AP3M2
Gene Alias	AP47B, CLA20, P47B
Gene Description	adaptor-related protein complex 3, mu 2 subunit
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	HA1 47kDA subunit homolog 2/clathrin assembly protein assembly protein complex 1 medium chain homolog 2/clathrin coat assembly protein AP47 homolog 2/clathrin-associated protein AP47 homolog 2/golgi adaptor AP-1 47 kDA protein homolog 2

Pathway

- [Lysosome](#)

Disease

- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)