

Full-Length

AP1M2 (Human) Recombinant Protein (P01)

Catalog # H00010053-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human AP1M2 full-length ORF (NP_005489.2, 1 a.a. - 423 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSASAVFILDVKGKPLISRNYKGDVAMSKIEHFMPLLVQREEEGALAPLLSHGQVHFLWIKHSNLY
LVATTSKNANASLVYSFLYKTIEVFCEYFKELEEEESIRDNFVIVYELLDELMDFGFPQTDSKILQEYI
TQQSNKLETGKSRVPPTVTNAVSWRSEGIKYKKNEVFIDVIESVNLLVNANGSVLLSEVGTIKLV
FLSGMPELRLGLNDRVLFELTGRSKNKSVLEEDVKFHQCVRLSRFDNDRTISFIPPDGDFELMSY
RLSTQVKPLIWIESVIEKFSSRVEIMVKAKGQFKKQSVANGVEISVPVPSDADSPRFKTSVGS AK
YVPERNVVWSIKSFPGGKEYLMRAHFGLPSVEKEEVEGRPPIGVKFEIPYFTVSGIQVRYMKIIEKS
GYQALPWVRYITQSGDYQLRTS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.5

Interspecies Antigen Sequence

Mouse (96); Rat (97)

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 — AP1M2

Entrez GeneID	10053
GeneBank Accession#	NM_005498.3
Protein Accession#	NP_005489.2
Gene Name	AP1M2
Gene Alias	AP1-mu2, HSMU1B, MU-1B, MU1B, mu2
Gene Description	adaptor-related protein complex 1, mu 2 subunit
Omim ID	607309
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a subunit of the heterotetrameric adaptor-related protein complex 1 (AP-1), which belongs to the adaptor complexes medium subunits family. This protein is capable of interacting with tyrosine-based sorting signals. [provided by RefSeq]
Other Designations	AP-mu chain family member mu1B HA1 47 kDa subunit 2 clathrin assembly protein complex 1 medium chain 2 clathrin coat assembly protein AP47 2 clathrin coat associated protein AP47 2 clathrin-associated adaptor medium chain mu2 golgi adaptor AP-1 47 kDa pro

Pathway

- [Lysosome](#)