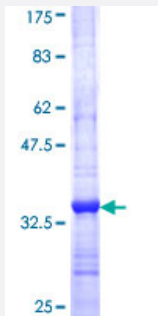


# AP1M1 (Human) Recombinant Protein (Q01)

Catalog # H00008907-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human AP1M1 partial ORF ( NP_115882, 1 a.a. - 74 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MSASAVYVLDLKGVLCRNRYRGDMDMSEVEHFMPILMEKEEGMLSPILAHGGVRFMWIKHNNLYLVATSKKN
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	33.88
<b>Interspecies Antigen Sequence</b>	Rat (99)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — AP1M1

Entrez GeneID [8907](#)

GeneBank Accession# [NM\\_032493](#)

Protein Accession# [NP\\_115882](#)

Gene Name AP1M1

Gene Alias AP47, CLAPM2, CLTNM, MU-1A

Gene Description adaptor-related protein complex 1, mu 1 subunit

Omim ID [603535](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is the medium chain of the trans-Golgi network clathrin-associated protein complex AP-1. The other components of this complex are beta-prime-adaptin, gamma-adaptin, and the small chain AP1S1. This complex is located at the Golgi vesicle and links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. Alternatively spliced transcript variants encoding distinct protein isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** HA1 47 kDa subunit|clathrin adaptor protein AP47|clathrin assembly protein complex 1, medium chain|clathrin assembly protein complex AP1, mu subunit|clathrin coat assembly protein AP47|golgi adaptor AP-1 47 kDa protein

## Pathway

- [Lysosome](#)