

# Recombinant Full Length Human AP4M1 Protein, GST-tagged

**Cat. No.** AP4M1-1095HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human AP4M1 full-length ORF ( AAH18705, 1 a.a. - 453 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>	453 amino acids
<b>Description</b>	This gene encodes a subunit of the heterotetrameric AP-4 complex. The encoded protein belongs to the adaptor complexes medium subunits family. This AP-4 complex is involved in the recognition and sorting of cargo proteins with tyrosine-based motifs from the trans-golgi network to the endosomal-lysosomal system. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	75.57 kDa
<b>AA Sequence</b>	MISQFFILSS KGDPLIYKDF RGDSGGRDVA ELFYRKLTLGL PGDESPVVMH HHGRHFIHIR HSGLYLVVTT SENVSPFSL ELLSRLATLL GDYCGSLGEG TISRNVAVLY ELLDEVLDYG YVQTTSTEML RNFIQTEAVV SKPFSLFDLS SVGLFGAETQ QSKVAPSSAA SRPVLSSRSQ QSQKNEVFLD VVERLSVLIA SNGSLLKVDV QGEIRLKSFL PSGSEMRIQL TEEFCVKGSE LRGYGP GIRV DEVSFHSSVN LDEFESHRI LRLQPPQGELT VMRYQLSDDL PSPLPFR LFP SVQWDRGSGR LQVYLKLRCD LLSKSQALNV RLHLPLPRGV VLSLQELSSP EQKAELAEGA LRWDLPRVQG GSQLSGLFQM DVPGPPGPPS HGLSTSASPL

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GLGPASLSFE LPRHTCSGLQ VRFLRLAFRP CGNANPHKWV RHLSHSDAYV IRI

**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**

AP4M1 adaptor-related protein complex 4, mu 1 subunit [ Homo sapiens ]

**Official Symbol**

AP4M1

**Synonyms**

AP4M1; adaptor-related protein complex 4, mu 1 subunit; AP-4 complex subunit mu-1; adaptor related protein complex AP 4 mu4 subunit; AP 4 adapter complex mu subunit; mu subunit of AP 4; MU 4; mu adaptin related protein 2; MU ARP2; mu4; mu4-adaptin; mu subunit of AP-4; mu-adaptin-related protein 2; mu-adaptin-related protein-2; adapter-related protein complex 4 mu-1 subunit; adaptor-related protein complex AP-4 mu4 subunit; MU-4; CPSQ3; MU-ARP2

**Gene ID**

9179

**mRNA Refseq**

NM\_004722

**Protein Refseq**

NP\_004713

**MIM**

602296

**UniProt ID**

O00189

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