

Recombinant Full Length Human AP4M1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human AP4M1 full-length ORF (AAH18705, 1 a.a. - 453 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	453 amino acids
Description	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]
Molecular Mass	75.57 kDa
AA Sequence	MISQFFILSS KGDPLIYKDF RGDSGGRDVA ELFYRKLTGL PGDESPVVMH HHGRHFIHIR HSGLYLVVTT SENVSPFSL ELLSRLATLL GDYCGSLGEG TISRNVAlVY ELLDEVLDYG YVQTTSTEML RNFIQTEAVV SKPFSLFDLS SVGLFGAETQ QSKVAPSSAA SRPVLSSRSQ QSQKNEVFLD VVERLSVLIA SNGSLLKVDV QGEIRLKSFL PSGSEMRIQL TEEFCVGKSE LRGYGPGIRV DEVSFHSSVN LDEFESHRIQL RLQPPQGELT VMRYQLSDDL PSPLPFRLFP 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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