Recombinant Human AP4M1 protein, GST-tagged

Cat. No. AP4M1-663H **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	Wheat Germ
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	MISQFFILSSKGDPLIYKDFRGDSGGRDVAELFYRKLTGLPGDESPVVMHHHGRHFI HIRHSGLYLVVTTSENVSPFSLLELLSRLATLLGDYCGSLGEGTISRNVALVYELLDEV LDYGYVQTTSTEMLRNFIQTEAVVSKPFSLFDLSSVGLFGAETQQSKVAPSSAASRP VLSSRSDQSQKNEVFLDVVERLSVLIASNGSLLKVDVQGEIRLKSFLPSGSEMRIGLT EEFCVGKSELRGYGPGIRVDEVSFHSSVNLDEFESHRILRLQPPQGELTVMRYQLS DDLPSPLPFRLFPSVQWDRGSGRLQVYLKLRCDLLSKSQALNVRLHLPLPRGVVSL SQELSSPEQKAELAEGALRWDLPRVQGGSQLSGLFQMDVPGPPGPPSHGLSTSAS PLGLGPASLSFELPRHTCSGLQVRFLRLAFRPCGNANPHKWVRHLSHSDAYVIRI
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

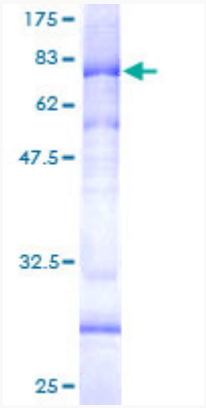
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	Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, 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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12.5% SDS-PAGE Stained with Coomassie Blue.

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