Recombinant Human AP1M2 protein, GST-tagged

Cat. No. AP1M2-648H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP1M2 full-length ORF (NP_005489.2, 1 a.a. - 423 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a subunit of the heterotetrameric adaptor-related protein comlex 1 (AP-1), which belongs to the adaptor complexes medium subunits family. This protein is capable of interacting with tyrosine-based sorting signals. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Molecular Mass	74.5 kDa
AA Sequence	MSASAVFILDVKGKPLISRNYKGDVAMSKIEHFMPLLVQREEEGALAPLLSHGQVHF LWIKHSNLYLVATTSKNANASLVYSFLYKTIEVFCEYFKELEEESIRDNFVIVYELLDEL MDFGFPQTTDSKILQEYITQQSNKLETGKSRVPPTVTNAVSWRSEGIKYKKNEVFID VIESVNLLVNANGSVLLSEIVGTIKLKVFLSGMPELRLGLNDRVLFELTGRSKNKSVEL EDVKFHQCVRLSRFDNDRTISFIPPDGDFELMSYRLSTQVKPLIWIESVIEKFSHSRV EIMVKAKGQFKKQSVANGVEISVPVPSDADSPRFKTSVGSAKYVPERNVVIWSIKSF PGGKEYLMRAHFGLPSVEKEEVEGRPPIGVKFEIPYFTVSGIQVRYMKIIEKSGYQAL PWVRYITQSGDYQLRTS
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

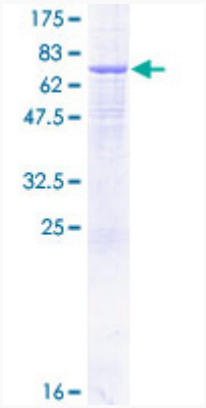
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AP1M2 adaptor-related protein complex 1, mu 2 subunit [Homo sapiens]
Official Symbol	AP1M2
Synonyms	AP1M2; adaptor-related protein complex 1, mu 2 subunit; AP-1 complex subunit mu-2; AP1 mu2; HSMU1B; mu2; mu-adaptin 2; mu1B-adaptin; HA1 47 kDa subunit 2; AP-mu chain family member mu1B; golgi adaptor AP-1 47 kDa protein; clathrin coat assembly protein AP47 2; clathrin coat associated protein AP47 2; adaptor protein complex AP-1 mu-2 subunit; golgi adaptor HA1/AP1 adaptin mu-2 subunit; clathrin-associated adaptor medium chain mu2; adaptor-related protein complex 1 mu-2 subunit; clathrin assembly protein complex 1 medium chain 2; MU1B; MU-1B; AP1-mu2;
Gene ID	10053
mRNA Refseq	NM_005498
Protein Refseq	NP_005489
MIM	607309
UniProt ID	Q9Y6Q5

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12.5% SDS-PAGE Stained with Coomassie Blue.

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