Recombinant Full Length Human AP1M2 Protein, GST-tagged

Cat. No. AP1M2-1097HF **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	In Vitro Cell Free System
ProteinLength	423 amino acids
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	MSASAVFILD VKGKPLISRN YKGDVAMSKI EHFMPLLVQR EEEGALAPLL SHGQVHFLWI KHSNLYLVAT TSKNANASLV YSFLYKTIEV FCEYFKELEE ESIRDNFVIV YELLDELMDF GFPQTTDSKI LQEYITQQSN KLETGKSRVP PTVTNAVSWR SEGIKYKKNE VFIDVIESVN LLVNANGSVL LSEIVGTIKL KVFLSGMPEL RLGLNDRVLF ELTGRSKNKS VELEDVKFHQ CVRLSRFDND RTISFIPPDG DFELMSYRLS TQVKPLIWIE SVIEKFSHSR VEIMVKAKGQ FKKQSVANGV EISVPVPSDA DSPRFKTSVG SAKYVPERNV VIWSIKSFPG GKEYLMRAHF GLPSVEKEEV EGRPPIGVKF EIPYFTVSGI QVRYMKIIEK SGYQALPWVR YITQSGDYQL RTS

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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	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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