

Recombinant Full Length Human AP1M1 Protein, GST-tagged

Cat. No. AP1M1-1080HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP1M1 full-length ORF (BAG51337.1, 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	The protein encoded by this gene is the medium chain of the trans-Golgi network clathrin-associated protein complex AP-1. The other components of this complex are beta-prime-adaptin, gamma-adaptin, and the small chain AP1S1. This complex is located at the Golgi vesicle and links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. Alternatively spliced transcript variants encoding distinct protein isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	75 kDa
AA Sequence	MSASAVYVLD LKGKVLICRN YRGDVDMSEV EHFMPILMEK EEGMLSPIL AHGGVRFMWI KHNNLYLVAT SKKNACVSLV FSFLYKVVQV FSEYFKELEE ESIRDNFVII YELLDELMDF GYPQTTDSKI LQEYITQEGH KLETGAPRPP ATVTNAVSWR SEGIKYRKNE VFLDVIESVN LLVSANGNV L RSEIVGSIKM RVFLSGMPEL RLGLNDKVLF DNTGRGKSKS VELEDVKFHQ CVRLSRFEND RTISFIPPDG EFELMSYRLN THVKPSIWIE SVIEKHSHSR IEYMIKAKSQ

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FKRRSTANNV EIHIPVPNDA DSPKFKTTVG SVKWVPENSE IVWSIKSFPG
GKEYLMRAHF GLPSVEAEDK EGKPPISVKF EIPYFTTSGI QVRYLKII EK
SGYQALPWVR YITQNGDYQL RTQ

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

AP1M1 adaptor-related protein complex 1, mu 1 subunit [Homo sapiens]

Official Symbol

AP1M1

Synonyms

AP1M1; adaptor-related protein complex 1, mu 1 subunit; AP-1 complex subunit mu-1; AP47; CLAPM2; mu-adaptin 1; mu1A-adaptin; HA1 47 kDa subunit; clathrin adaptor protein AP47; AP-mu chain family member mu1A; golgi adaptor AP-1 47 kDa protein; clathrin coat assembly protein AP47; clathrin coat-associated protein AP47; adaptor protein complex AP-1 mu-1 subunit; golgi adaptor HA1/AP1 adaptin mu-1 subunit; adaptor-related protein complex 1 mu-1 subunit; clathrin assembly protein complex 1, medium chain; clathrin assembly protein complex AP1, mu subunit; clathrin assembly protein complex 1 medium chain 1; CLTNM; MU-1A

Gene ID

8907

mRNA Refseq

NM_001130524

Protein Refseq

NP_001123996

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MIM	603535
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UniProt ID	Q9BXS5
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