

Recombinant Human AP1M1, GST-tagged

Cat. No. AP1M1-9710H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AP1M1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-260a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name [AP1M1 adaptor-related protein complex 1, mu 1 subunit \[Homo sapiens \]](#)

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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
MIM	603535
UniProt ID	Q9BXS5
Chromosome Location	19p13.12
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Disease, organism-specific biosystem; E-cadherin signaling in the nascent adherens junction, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; HIV Infection, organism-specific biosystem; Host Interactions of HIV factors, organism-specific biosystem; Lysosome, organism-specific biosystem;
Function	protein binding;

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