Recombinant Human AP1M2 Protein, His-tagged

Cat. No. AP1M2-183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AP1M2 Protein (Met1-Met207) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Met207
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.1 kDa Accurate Molecular Mass: 27 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	AP1M2 adaptor-related protein complex 1, mu 2 subunit [Homo sapiens (human)]
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

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MIM	607309
UniProt ID	Q9Y6Q5

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