

Recombinant Mouse Ap1g2 Protein, His-tagged

Cat. No. Ap1g2-180M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ap1g2 Protein (Met1-Ala288) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ala288
Description	This gene encodes the gamma-2 subunit of the adaptor protein complex 1 (AP-1). AP-1 complex is a heterotetramer comprised of two heavy and one each of medium and small subunits. The encoded protein is a heavy subunit of AP-1 complex that regulates polarized sorting of cargo at the trans-Golgi network and endosomes. Alternative splicing of this gene results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.1 kDa Accurate Molecular Mass: 31 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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

Ap1g2 adaptor protein complex AP-1, gamma 2 subunit [*Mus musculus* (house mouse)]

Official Symbol

Ap1g2

Synonyms

Ap1g2; adaptor protein complex AP-1, gamma 2 subunit; G2ad; Adtg2; AP-1 complex subunit gamma-like 2; gamma 2-adaptin

Gene ID

11766

mRNA Refseq

NM_007455

Protein Refseq

NP_031481

UniProt ID

O88512

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