Recombinant Rat Ap1g2 Protein, His-tagged

Cat. No. Ap1g2-181R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ap1g2 Protein (Met1-Ala287) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Ala287
Description	Predicted to enable clathrin adaptor activity. Predicted to be involved in Golgi to vacuole transport and receptor-mediated endocytosis. Predicted to be located in Golgi-associated vesicle; membrane; and transport vesicle. Predicted to be part of AP-1 adaptor complex. Orthologous to human AP1G2 (adaptor related protein complex 1 subunit gamma 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36 kDa Accurate Molecular Mass: 33 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 related protein complex 1 subunit gamma 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Ap1g2
Synonyms	Ap1g2; adaptor related protein complex 1 subunit gamma 2; AP-1 complex subunit gamma-like 2; adaptor protein complex AP-1, gamma 2 subunit; adaptor-related protein complex 1, gamma 2 subunit
Gene ID	100362547
mRNA Refseq	XM_002728280
Protein Refseq	XP_002728326
UniProt ID	D3ZGW2

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