Recombinant Mouse Ap4m1 Protein, His-tagged

Cat. No. Ap4m1-196M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ap4m1 Protein (Met1-Val208) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Val208
Description	Predicted to enable protein domain specific binding activity. Involved in protein targeting. Predicted to be located in Golgi apparatus; endosome; and membrane. Predicted to be part of AP-4 adaptor complex. Predicted to be active in cytoplasmic vesicle and trans-Golgi network. Is expressed in brain. Human ortholog(s) of this gene implicated in hereditary spastic paraplegia 50. Orthologous to human AP4M1 (adaptor related protein complex 4 subunit mu 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.6 kDa Accurate Molecular Mass: 25 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

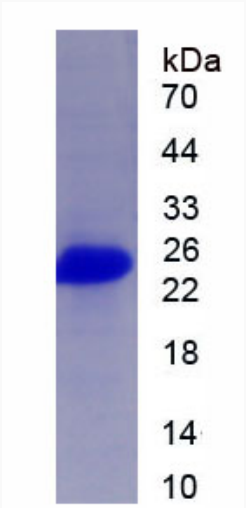
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. 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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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	Ap4m1 adaptor-related protein complex AP-4, mu 1 [Mus musculus (house mouse)]
Official Symbol	Ap4m1
Synonyms	AP4M1; adaptor-related protein complex AP-4, mu 1; AP-4 complex subunit mu-1; mu4; mu-ARP2; mu4-adaptin; mu subunit of AP-4; mu-adaptin-related protein 2; AP-4 adapter complex mu subunit; adapter-related protein complex 4 mu-1 subunit; adaptor-related protein complex AP-4 mu4 subunit; Ap4m4; 4930443L05Rik
Gene ID	11781
mRNA Refseq	NM_021392
Protein Refseq	NP_067367
UniProt ID	Q9JKC7

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