

## Recombinant Mouse Ap4m1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ap4m1 Protein (Met1-Val208) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Val208
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.6 kDa Accurate Molecular Mass: 25 kDa
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

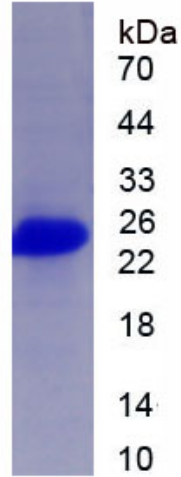
## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ap4m1 adaptor-related protein complex AP-4, mu 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Ap4m1</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">11781</a>
<b>mRNA Refseq</b>	<a href="#">NM_021392</a>
<b>Protein Refseq</b>	<a href="#">NP_067367</a>
<b>UniProt ID</b>	<a href="#">Q9JKC7</a>

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