

Recombinant Mouse Ap4b1 Protein, His-tagged

Cat. No. Ap4b1-195M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ap4b1 Protein (Met1-Ile261) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ile261
Description	Involved in protein localization to somatodendritic compartment and protein targeting. Located in trans-Golgi network. Human ortholog(s) of this gene implicated in hereditary spastic paraplegia 47. Orthologous to human AP4B1 (adaptor related protein complex 4 subunit beta 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.2 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 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

[Ap4b1 adaptor-related protein complex AP-4, beta 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Ap4b1](#)

Synonyms

AP4B1; adaptor-related protein complex AP-4, beta 1; AP-4 complex subunit beta-1; AP-4 beta-4; beta4-adaptin; beta subunit of AP-4; AP-4 adapter complex subunit beta; adapter-related protein complex 4 subunit beta-1; Ap4b4; AV004952; 1810038H16Rik

Gene ID

[67489](#)

mRNA Refseq

[NM_001163552](#)

Protein Refseq

[NP_001157024](#)

UniProt ID

[Q9WV76](#)

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