

Recombinant Mouse Klc3 Protein, His-tagged

Cat. No. Klc3-1716M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Klc3 Protein (Met1-Val258) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Val258
Description	Enables kinesin binding activity and microtubule binding activity. Acts upstream of or within axo-dendritic transport. Located in several cellular components, including ciliary rootlet; motile cilium; and neuron projection. Is expressed in cerebellum interpositus nucleus; deep cerebellar nucleus; dentate nucleus; fastigial nucleus; and vestibular nucleus. Orthologous to human KLC3 (kinesin light chain 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32 kDa Accurate Molecular Mass: 35 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, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Klc3 kinesin light chain 3 [*Mus musculus* (house mouse)]

Official Symbol

Klc3

Synonyms

KLC3; kinesin light chain 3;

Gene ID

232943

mRNA Refseq

NM_001286038

Protein Refseq

NP_001272967

UniProt ID

Q91W40

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