

Recombinant Mouse Jph1 Protein, His-tagged

Cat. No. Jph1-1708M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Jph1 Protein (Met1-Asp201) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Asp201
Description	A structural constituent of muscle. Acts upstream of or within muscle organ development. Located in Z disc; junctional sarcoplasmic reticulum membrane; and plasma membrane. Part of junctional membrane complex. Is expressed in heart and skeletal muscle. Human ortholog(s) of this gene implicated in Charcot-Marie-Tooth disease axonal type 2K. Orthologous to human JPH1 (junctophilin 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.3 kDa Accurate Molecular Mass: 28 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

Jph1 junctophilin 1 [*Mus musculus* (house mouse)]

Official Symbol

Jph1

Synonyms

JPH1; junctophilin 1; junctophilin-1; mitsugumin72; junctophilin type 1; Jp1; JP-1; ENSMUSG00000054314;

Gene ID

57339

mRNA Refseq

NM_020604

Protein Refseq

NP_065629

UniProt ID

Q9ET80

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