

## Recombinant Mouse Jph1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Jph1 Protein (Met1-Asp201) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Asp201
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 25.3 kDa Accurate Molecular Mass: 28 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA