

Recombinant Human JPH1 protein, His & T7-tagged

Cat. No. JPH1-7875H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human JPH1 aa. (Met1~Ala201 (Accession # Q9HDC5)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Ala201
Description	Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic reticulum are a common feature of all excitable cell types and mediate cross talk between cell surface and intracellular ion channels. The protein encoded by this gene is a component of junctional complexes and is composed of a C-terminal hydrophobic segment spanning the endoplasmic/sarcoplasmic reticulum membrane and a remaining cytoplasmic domain that shows specific affinity for the plasma membrane. This gene is a member of the junctophilin gene family.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.3kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 7.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	JPH1 junctophilin 1 [Homo sapiens (human)]
Official Symbol	JPH1
Synonyms	JPH1; junctophilin 1; JP1; JP-1; CMT2K; junctophilin-1; junctophilin type 1
Gene ID	56704
mRNA Refseq	NM_001317830.1
Protein Refseq	NP_001304759.1

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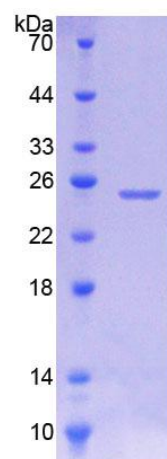
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UniProt ID

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SDS-PAGE

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