

# Recombinant Human JPH1 protein, His-tagged

**Cat. No.** JPH1-7842H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human JPH1 protein(464-639 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 464-639 aa                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                      |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |

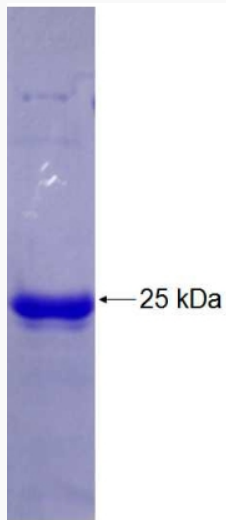
## GENE INFORMATION

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">JPH1</a>                                                                                                         |
| <b>Synonyms</b>        | JPH1; junctophilin 1; junctophilin-1; JP 1; mitsugumin72; junctophilin type1; junctophilin type 1; JP1; JP-1; DKFZp762L0313; |

 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

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|----------------|-----------------------------------------------------------------------------------------------------|
| Gene ID        | 56704                                                                                               |
| mRNA Refseq    | NM_020647                                                                                           |
| Protein Refseq | NP_065698                                                                                           |
| MIM            | 605266                                                                                              |
| UniProt ID     | Q9HDC5                                                                                              |
| SDS-PAGE       |  <p>← 25 kDa</p> |