SunLong Biotech Co.,LTD
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# Recombinant Junctophilin 3 (JPH3)

**Catalog Number: SIPF534Hu01** **Spec: 100ug**

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|---|---|
| **Product Name** | Recombinant Junctophilin 3 (JPH3) |
| **Catalog Number** | SIPF534Hu01 |
| **Organism Species** | Human |
| **Residues** | Met1~Leu266 |
| **Tags** | Two N-terminal Tags, His-tag and T7-tag |
| **Accession** | Q8WXH2 |
| **Host** | E. coli |
| **Subcellular Location** | Cell Membrane. Peripheral Membrane Protein. Endoplasmic Reticulum Membrane. Single-pass Type Iv Membrane Protein. |
| **Purity** | >90% |
| **Endotoxin Level** | <1.0EU per 1μg (determined by the LAL method). |
| **Formulation** | Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative. |
| **Predicted isoelectric point** | 9.6 |
| **Predicted Molecular Mass** | 32.1kDa |
| **Applications** | SDS-PAGE; WB; ELISA; IP. (May be suitable for use in other assays to be determined by the end user.) |

**[ USAGE ]**

Reconstitute in sterile ddH2O.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

**Stability Test:** 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 37oC for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological

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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.

**[ SEQUENCES ]**

The sequence of the target protein is listed below. MSSGGRFNFD DGGSYCGGWE DGKAHGHGVC TGPKGQGEYT GSWSHGFEVL GVYTWPSGNT YQGTWAQGKR HGIGLESKGK WVYKGEWTHG FKGRYGVREC AGNGAKYEGT WSNGLQDGYG TETYSDGGTY QGQWVGGMRQ GYGVRQSVPY GMAAVIRSPL RTSINSLRSE HTNGTALHPD ASPAVAGSPA VSRGGFVLVA HSDSEILKSK KKGLFRRSLL SGLKLRKSES KSSLASQRSK QSSFRSEAGM STVSSTASDI HSTISL