

## Recombinant Human JOSD2 protein, His-tagged

**Cat. No.** JOSD2-7865H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human JOSD2 protein(80-188 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 80-188 aa                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. |
| <b>AASequence</b>       | LGAAVWWDRRRPLSQLALPQVLGLILNLPSPVSLGLLSLPLRRRHHWVALRQVDGV<br>YYNLDSKLRAPEALGDEDGVRAFLAAALAQGLCEVLLVVTKEVEEKGSWLRTD                                                                                                                                                                                          |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. 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>Reconstitution</b>   | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/                                                                                                                                                                                                                 |

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

|                 |                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------|
| Gene Name       | JOSD2 Josephin domain containing 2 [ Homo sapiens ]                                                      |
| Official Symbol | JOSD2                                                                                                    |
| Synonyms        | JOSD2; Josephin domain containing 2; Josephin-2; SBB154; josephin domain-containing protein 2; FLJ29018; |
| Gene ID         | 126119                                                                                                   |
| mRNA Refseq     | NM_138334                                                                                                |
| Protein Refseq  | NP_612207                                                                                                |
| UniProt ID      | Q8TAC2                                                                                                   |

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**SDS-PAGE**

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