

## 32-4036: Recombinant Human Josephin Domain Containing 1

**Alternative Name :** Josephin-1, Josephin domain-containing 1, JOSD1, JSPH1, KIAA0063, dJ508115.2.

### Description

Source : Escherichia Coli. JOSD1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (1-202 a.a.) and having a molecular mass of 25.6kDa. JOSD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Josephin-1 (JOSD1) has minimal protease activity towards poly-ubiquitin chains (in vitro). JOSD1 functions as a deubiquitinating enzyme. Ubiquitin-binding sites in the Josephin domain are a factor in ubiquitin chain binding and cleavage.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg   |
| <b>Purification :</b>      | Greater than 90.0% as determined by SDS-PAGE.   |
| <b>Content :</b>           | JOSD1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol, 5mM DTT and 2mM EDTA.  |
| <b>Storage condition :</b> | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.                                  |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MGSMSCVPWK GDKAKSESLE LPQAAPPQIY HEKQRRELCA<br>LHALNNVFQD SNAFTRDTLQ EIFQRLSPNT MVTPHKKSM L GNGNYDVNVI MAALQTKGYE<br>AVVWDKRRDV GVIALTNVMG FIMNLPSSLC WGPLKLPLKR QHWICVREVG GAYYNLDSKL<br>KMPEWIGGES ELRKFLKHHL RGKNCCELLLV VP EEEVAHQ S WRTDV. |

