

# Recombinant Human Josephin Domain Containing 1, His-tagged

Cat. No. JOSD1-7188H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human JOSD1 protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques. MW: 25.6kDa.
<b>Species</b>	Human
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	1-202aa
<b>Description</b>	JOSD1, also as known as Josephin-1, has low protease activity towards poly-ubiquitin chains (in vitro). JOSD1 is act as a deubiquitinating enzyme. Recently identified ubiquitin-binding sites in the Josephin domain contribute to ubiquitin chain binding and cleavage.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 5mM DTT, 2mM EDTA.
<b>Molecular Mass</b>	25.6kDa (225aa), confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMSCVPWK GDKAKSESLE LPQAAPPQIY HEKQRRELCA LHALNNVFQD SNAFTRDTLQ EIFQRLSPNT MVTPHKKSMML GNGNYDVNVI MAALQTKGYE AVWWDKRRDV GVIALTNVMG FIMNLPSSLC WGPLKLPKR QHWICVREVG GAYYNLDSKL KMPEWIGGES ELRKFLKHHL

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RGKNCELLLV VP EEVEAHQS WRTDV

**Purity** >90% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [JOSD1 Josephin domain containing 1 \[ Homo sapiens \]](#)

**Official Symbol** JOSD1

**Synonyms** JOSD1; Josephin domain containing 1; Josephin-1; KIAA0063; josephin domain-containing 1; dJ508I15.2;

**Gene ID** [9929](#)

**mRNA Refseq** [NM\\_014876](#)

**Protein Refseq** [NP\\_055691](#)

**UniProt ID** [Q15040](#)

**Chromosome Location** 22q13.1

**Function** omega peptidase activity; peptidase activity;

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