

Recombinant Human Josephin Domain Containing 1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human JOSD1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 25.6kDa.
Species	Human
Source	E.coli
ProteinLength	1-202aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 5mM DTT, 2mM EDTA.
Molecular Mass	25.6kDa (225aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSCVPWK GDKAKSESLE LPQAAPPQIY HEKQRRELCA LHALNNVFQD SNAFTRDTLQ EIFQRLSPNT MVTPHKKSML GNGNYDVNVI MAALQTKGYE AVWWDKRRDV GVIALTNVMG FIMNLPSSLC WGPLKLPLKR 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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