

**JOSD1, 1-202aa, Human, His tag, E.coli**

**Cat.NO.: TP02710**

3th Edition

**Synonyms:**Josephin-1, dJ508I15.2.

**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. Recombinant human JOSD1 protein, fused to His-tag at Nterminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 5mM DTT, 2mM EDTA

**Molecular Weight:**25.6kDa (225aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMSCVPWKGDKAKSESLELPQAAPPQIYHEKQRRELCALHALNNVFQDSNAF  
TRDTLQEIQRLSPNTMVTPhKKSMLGNGNYDVNVIMAALQTKGYEAVWWDKRRDVGVIAlTNVMGFIMNLPSSL  
CWGPLKLPLKRQHWICVREVGGAYYNLDSKLKMPewigGESELrkFLKHHLRGKNCeLLLVPEEVEAHQSWRTD  
V

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.