

AR50580PU-S

Human Josephin-1 / J OSD1 (1-202, His-tag) - Purified

Alternate names:

JSPH1, Josephin domain-containing 1, KIAA0063

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q15040](#)

NCBI:

[NP_055691.1](#)

GeneID:

[9929](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 5mM DTT, 2mM EDTA

Description:

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

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMSCVPWK GDKAKSESLE LPQAAPPQIY HEKQRRELCA
LHALNNVFQD SNAFTRDTLQ EIFQRLSPNT MVTPHKKSML GNGNYDVNVI MAALQTKGYE
AVWWDKRRDV GVIALTNVMG FIMNLPSSLC WGPLKLPLKR QHWICVREVG GAYYNLDSKL
KMPEWIGGES ELRKFLKHHL RGKNCCELLLV VP EEEVAHQ S WRTDV

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

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Weeks S.D., et al. (2011) J. Biol. Chem. 286:4555-4565

Pictures:
