

Recombinant Human JOSD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. JOSD1-1822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	JOSD1 MS Standard C13 and N15-labeled recombinant protein (NP_055691) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Deubiquitinates monoubiquitinated probes (in vitro). When ubiquitinated, cleaves 'Lys-63'-linked and 'Lys-48'-linked poly-ubiquitin chains (in vitro), hence may act as a deubiquitinating enzyme. May increase macropinocytosis and suppress clathrin- and caveolae-mediated endocytosis. May enhance membrane dynamics and cell motility independently of its catalytic activity.
Molecular Mass	23.2 kDa
AA Sequence	MSCVPWKGDKAKSESLELPQAAPPQIYHEKQRRELCALHALNNVFQDSNAFTRDTL QEIFQRLSPNTMVTPHKKSMLGNGNYDVNVIMAALQTKGYEAVVWDKRRDVGVI ALTNVMGFIMNLPSSLCWGPLKLPLKRQHWICVREVGAYYNLDSKLKMP EWIGGESE LRKFLKHHLRGKNCELLLVPEEVEAHQSWRTDVTRTRPLEQKLISEEDLAANDILDY KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name JOSD1 Josephin domain containing 1 [Homo sapiens (human)]

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](#)

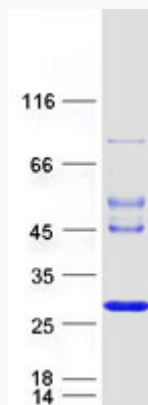
MIM [615323](#)

UniProt ID [Q15040](#)

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SDS-PAGE

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