

## Product datasheet for PH301968

### Josephin 1 (JOSD1) (NM\_014876) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	JOSD1 MS Standard C13 and N15-labeled recombinant protein (NP_055691)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201968
Predicted MW:	23.2 kDa
Protein Sequence:	<p>&gt;RC201968 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSCVPWKGDKAKSESLELPQAAPPQIYHEKQRRELCAHALNNVFQDSNAFTRDTLQEIFQRLSPNTMVT            PHKKSMLGNGYDVNVIMAAALQTKGYEAVWWDKRRDVGVIALTVMGFIIMNLPSSLCWGPLKLPLKRQHW            ICVREVGGAAYNLD SKLMP EWIGGESEL RKFLKHHLRGKNC ELLLVPEEVEAHQSWRTDV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_055691</a>
RefSeq Size:	3435
RefSeq ORF:	606
Synonyms:	dj508l15.2
Locus ID:	9929
UniProt ID:	<a href="#">Q15040</a> , <a href="#">A0A024R1P5</a>

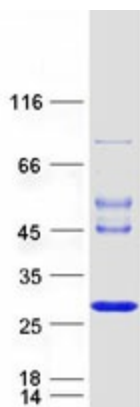

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**Cytogenetics:** 22q13.1

**Summary:** 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.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified JOSD1 protein (Cat# [TP301968]). The protein was produced from HEK293T cells transfected with JOSD1 cDNA clone (Cat# [RC201968]) using MegaTran 2.0 (Cat# [TT210002]).