

Recombinant Mouse Jsd1 Protein, Myc/DDK-tagged

Cat. No. Jsd1-3634M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Josephin domain containing 1 (Jsd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Josd1 Josephin domain containing 1 [Mus musculus (house mouse)]
Official Symbol	Josd1
Synonyms	JOSD1; Josephin domain containing 1; Josephin-1; josephin domain-containing protein 1; mKIAA0063; MGC6306; 1300006C06Rik; MGC101975
Gene ID	74158
mRNA Refseq	NM_028792
Protein Refseq	NP_083068
UniProt ID	Q9DBJ6

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