Josephin-1 (JOSD1) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Josephin-1 (JOSD1), Recombinant Protein
Full Product Name	Recombinant Bovine Josephin-1 (JOSD1)
Product Gene Name	JOSD1 recombinant protein
Product Synonym Gene Name	JOSD1
Sequence	MSCVPWKGDK VKSESLELPQ AAPPQIYHEK QRRELCALHA LNNVFQDSNA FTRETLQEIF QRLSPNTMVT PHKKSMLGNG NYDVNVIMAA LQTKGYEAVW WDKRRDVGAI ALTNVMGFIM NLPSSLCWGP LKLPLKRQHW ICVREVGGAY YNLDSKLKMP EWIGGKSELR KFLKHHLRGK NCELLLVVPE EVEAHQSWRA DV
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	23,181 Da
Sequence Positions	1-202, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q5EAE5
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for JOSD1 recombinant protein	MBS1340809 is a recombinant protein targeting JOSD1. Also known as Recombinant Bovine Josephin-1 (JOSD1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of JOSD1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for JOSD1. It may not necessarily be applicable to this product.

NCBI GI #	62460488
NCBI GeneID	510781
NCBI Accession #	NP_001014898.1
UniProt Primary Accession #	Q5EAE5
UniProt Secondary Accession #	A5D797
UniProt Related Accession #	Q5EAE5

GenBank Nucleotide #	NM_001014898.2
NCBI Official Full Name	josephin-1
NCBI Official Synonym Full Names	Josephin domain containing 1
NCBI Official Symbol	JOSD1
UniProt Protein Name	Josephin-1
UniProt Synonym Protein Names	Josephin domain-containing protein 1
Protein Family	Josephin
UniProt Gene Name	JOSD1
NCBI Protein Information	josephin-1
UniProt Comments for JOSD1	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 ().
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