LIM and SH3 Domain Protein 1 (LASP1) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	LIM and SH3 domain protein 1 (LASP1), Recombinant Protein
Full Product Name	Recombinant Bovine LIM and SH3 domain protein 1 (LASP1)
Product Gene Name	LASP1 recombinant protein
Product Synonym Gene Name	LASP1
Sequence	MNPNCARCCK IVYPTEKVNC LDKFWHKACF HCETCKMTLN MKNYKGYEKK PYCNAHYPKQ SFTMVADTPE NLRLKQQSEL QSQVRYKEEF EKNKGKGFSV VADTPELQRI KKTQDQISNI KYHEEFEKSR MGPSGGEGLE CERRDPQESS YRRPQEQQQP HHIPASTPVY QQPQQQPAAQ SYGGYKEPAA PASIQRSAPG GGGKRYRAVY DYSAADEDEV SFQDGDTIVN VQQIDDGWMY GTVERTGDTG MLPANYVEAI
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	29,677 Da
Sequence Positions	1-260, 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 Q3B7M5
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LASP1 recombinant protein	This gene encodes a member of a LIM protein subfamily characterized by a LIM motif and a domain of Src homology region 3. The encoded protein functions as an actin-binding protein and possibly in cytoskeletal organization.
Other Notes	Small volumes of LASP1 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.
Searchable Terms for LASP1 purchase	MBS1448915 is a recombinant protein targeting LASP1. Also known as Recombinant Bovine LIM and SH3 domain protein 1 (LASP1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LASP1. It may not necessarily be applicable to this product.

NCBI GI #	78369228
NCBI GeneID	532851
NCBI Accession #	NP_001030471.1

UniProt Primary Accession #	Q3B7M5
UniProt Related Accession #	Q3B7M5
GenBank Nucleotide #	NM_001035394.1
NCBI Official Full Name	LIM and SH3 domain protein 1
NCBI Official Synonym Full Names	LIM and SH3 protein 1
NCBI Official Symbol	LASP1
UniProt Protein Name	LIM and SH3 domain protein 1
Protein Family	LIM and SH3 domain protein
UniProt Gene Name	LASP1
UniProt Synonym Gene Names	LASP-1
NCBI Protein Information	LIM and SH3 domain protein 1
UniProt Comments for LASP1	Plays an important role in the regulation of dynamic actin-based, cytoskeletal activities. Agonist-dependent changes in LASP1 phosphorylation may also serve to regulate actin-associated ion transport activities, not only in the parietal cell but also in certain other F-actin-rich secretory epithelial cell types ().
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