Protein LST7 (LST7) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein LST7 (LST7), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Protein LST7 (LST7)
Product Gene Name	LST7 recombinant protein
Sequence	MSSTVISLAH FCDKHGPRII SVTQSAEKGT LGEELLVPDY PTESYCESCL LQFPEESTRS MRCFIEDVPF ITTQYSSIRY QLLNSIIKRA FSEETMIYDN MPFIFFDDLR GLNLVIGFKL YDENARGNER RYCFILTVDS RSHDDSMKML SEHWNFIIGG FDKMIAYIKN IHKSEFLGKN KTVENNLETL NNNAFIGSYL RANKSKFGRN LVSLTDDKFL FVRIHKWNSF LLHTVMNENK LP
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	28,136 Da
Sequence Positions	1-242, 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 P53237
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LST7 recombinant protein	MBS1166099 is a recombinant protein targeting LST7. Also known as Recombinant Saccharomyces cerevisiae Protein LST7 (LST7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LST7 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 LST7. It may not necessarily be applicable to this product.

NCBI GI #	398365413
NCBI GeneID	852948
NCBI Accession #	NP_011571.4
UniProt Primary Accession #	P53237
UniProt Secondary Accession #	Q45U29; D6VUJ2
UniProt Related Accession #	P53237

GenBank Nucleotide #	NM_001181186.3
NCBI Official Full Name	Lst7p
NCBI Official Symbol	LST7
UniProt Protein Name	Protein LST7
UniProt Synonym Protein Names	Lethal with SEC thirteen protein 7
Protein Family	Protein
UniProt Gene Name	LST7
NCBI Protein Information	Lst7p
UniProt Comments for LST7	Required for the nitrogen-regulated transport of amino acid permeases GAP1 and PUT4 from the Golgi to the cell surface.
Research Articles on LST7	**1.** Amino acids stimulate TORC1 through Lst4-Lst7, a GTPase-activating protein complex for the Rag family GTPase Gtr2.
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