Transcriptional Regulator Mntr (mntR) Listeria Innocua Serovar 6a Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcriptional regulator MntR (mntR), Recombinant Protein
Full Product Name	Recombinant Listeria innocua serovar 6a Transcriptional regulator MntR (mntR)
Product Gene Name	mntR recombinant protein
Product Synonym Gene Name	mntR
Sequence	MPTPSMEDYI EKIYSLIETK GYARVSDIAD ELFVHPSSVT KMVQKLDKDE YLIYEKYRGL ILTPKGTQMG KRLLERHALL ESFLSIIGVD PSHIYHDVEG IEHHLSWNSI DRIGDVVQFF ENHPDALKTL KEMDPTKPDT KE
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	16,418 Da
Sequence Positions	1-142, 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 Q92AD1
Species	Listeria innocua serovar 6a (strain CLIP 11262)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mntR recombinant protein	MBS1470391 is a recombinant protein targeting mntR. Also known as Recombinant Listeria innocua serovar 6a Transcriptional regulator MntR (mntR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mntR 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 mntR. It may not necessarily be applicable to this product.

NCBI GI #	489859382
NCBI Accession #	WP_003763032.1
UniProt Primary Accession #	Q92AD1
GenBank Nucleotide #	WP_003763032.1
NCBI Official Full Name	MULTISPECIES: transcriptional regulator MntR
UniProt Protein Name	Transcriptional regulator MntR

UniProt Synonym Protein Names	Manganese transport regulator
Protein Family	Transcriptional regulator
UniProt Gene Name	mntR
UniProt Comments for mntR	Involved in manganese homeostasis. Might activate the transcription of the mntABCD operon ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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