Manganese-Binding Lipoprotein Mnta (mntA) Listeria Innocua Serovar 6a Recombinant Protein

PRODUCT OVERVIEW

Product Name	Manganese-binding lipoprotein mntA (mntA), Recombinant Protein
Full Product Name	Recombinant Listeria innocua serovar 6a Manganese-binding lipoprotein mntA (mntA)
Product Gene Name	mntA recombinant protein
Product Synonym Gene Name	mntA
Sequence	CSSQNSDTKK TGDKLNVVAT YSILADIVKN VGGDKIELHS IVPVGVDPHE YDPLPDNIQS AADADLIFYN GLNLETGNGW FDRMLETADK SRDDKDQVVE LSKGVKPKYL TEKGKTSETD PHAWLDLHNG IIYTENVRDA LVKADPDNAN FYKENAKKYI DKLATLDKEA KQKFADLPEN QKTLVTSEGA FKYFAARYGL KAAYIWEINT ESQGTPDQMK QIISIVEKER VPNLFVETSV DPRSMESVSK ETGVPIFAKI FTDSTAKKGE EGDTYLEMMR YNLDKIHDGL AK
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	34,536 Da
Sequence Positions	19-310, 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 Q92AG1
Species	Listeria innocua serovar 6a (strain CLIP 11262)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mntA recombinant protein	MBS1475592 is a recombinant protein targeting mntA. Also known as Recombinant Listeria innocua serovar 6a Manganese-binding lipoprotein mntA (mntA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mntA 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 mntA. It may not necessarily be applicable to this product.

NCBI GI #	499300732
NCBI Accession #	WP_010991682.1
UniProt Primary Accession #	Q92AG1
GenBank Nucleotide #	WP_010991682.1

NCBI Official Full Name	manganese-binding lipoprotein MntA
UniProt Protein Name	Manganese-binding lipoprotein MntA
Protein Family	Manganese-binding lipoprotein
UniProt Gene Name	mntA
UniProt Comments for mntA	This protein is probably a component of a manganese permease, a binding protein-dependent, ATP-driven transport system.
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