Manganese Transport System ATP-Binding Protein Mnta (mntA) Synechocystis Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Manganese transport system ATP-binding protein MntA (mntA), Recombinant Protein
Full Product Name	Recombinant Synechocystis sp. Manganese transport system ATP-binding protein MntA (mntA)
Product Gene Name	mntA recombinant protein
Product Synonym Gene Name	mntA
Sequence	MAATLSRLDI SVDGVSVTYN NARLALYNAT CTVEPGTITA LVGPNGSGKS TLFKSIMGFL QPSQGRVRIG GFSVQKAQKQ QLMAYVPQAD EVDWNFPVSV FDVVMMGRYG YMNVLRIPSA KDRRLVMESL ERVGMVKYRD RQIGELSGGQ KKRAFLARAL AQEGKVILLD EPFTGVDVKT EKGMIDLLME LRDEGHTILI STHDLASIST FCDHTILLNR TILAQGKTEE TFTKENLELT FGGLPMLSLN QMFESTEVDA
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	28,721 Da
Sequence Positions	1-260, Full length
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 Q55281
Species	Synechocystis sp. (strain PCC 6803 / Kazusa)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mntA recombinant protein	MBS1436141 is a recombinant protein targeting mntA. Also known as Recombinant Synechocystis sp. Manganese transport system ATP-binding protein 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 #	2492541
NCBI Accession #	Q55281.1
UniProt Primary Accession #	Q55281
NCBI Official Full Name	Manganese transport system ATP-binding protein MntA

UniProt Protein Name	Manganese transport system ATP-binding protein MntA
Protein Family	Manganese-binding lipoprotein
UniProt Gene Name	mntA
UniProt Comments for mntA	Part of an ATP-driven transport system for manganese.
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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