DNA-Binding Response Regulator Mtra (mtrA) Mycobacterium Tuberculosis Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA-binding response regulator mtrA (mtrA), Recombinant Protein
Full Product Name	Recombinant Mycobacterium tuberculosis DNA-binding response regulator mtrA (mtrA)
Product Gene Name	mtrA recombinant protein
Sequence	MDTMRQRILV VDDDASLAEM LTIVLRGEGF DTAVIGDGTQ ALTAVRELRP DLVLLDLMLP GMNGIDVCRV LRADSGVPIV MLTAKTDTVD VVLGLESGAD DYIMKPFKPK ELVARVRARL RRNDDEPAEM LSIADVEIDV PAHKVTRNGE QISLTPLEFD LLVALARKPR QVFTRDVLLE QVWGYRHPAD TRLVNVHVQR LRAKVEKDPE NPTVVLTVRG VGYKAGPP
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.
Sequence Positions	1-228, 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 P0A5Z4
Species	Mycobacterium tuberculosis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mtrA recombinant protein	MBS1221140 is a recombinant protein targeting mtrA. Also known as Recombinant Mycobacterium tuberculosis DNA-binding response regulator mtrA (mtrA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mtrA 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 mtrA. It may not necessarily be applicable to this product.

NCBI GI #	449081275
NCBI GeneID	888743
NCBI Accession #	P0A5Z4.2
UniProt Primary Accession #	P0A5Z4
UniProt Related Accession #	P9WGM7
NCBI Official Symbol	mtrA

Protein Family	DNA-binding response regulator
NCBI Protein Information	two component DNA-binding response regulator MtrA
Research Articles on mtrA	**1.** These experiments suggest that MtrA functions as a repressor of rpfB transcription.
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