Protein Mtfa (mtfA) Shigella Flexneri Serotype 5b Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein mtfA (mtfA), Recombinant Protein
Full Product Name	Recombinant Shigella flexneri serotype 5b Protein mtfA (mtfA)
Product Gene Name	mtfA recombinant protein
Product Synonym Gene Name	mtfA
Sequence	MIKWPWKVQE SAHQTALPWQ EALSIPLLTC LTEQEQSKLV ALAERFLQQK RLVPLQGFEL NSLRSCRIAL LFCLPVLELG LEWLDGFHEV LIYPAPFVVD DEWEDDIGLV HNQRIVQSGQ SWQQGPIVLN WLDIQDSFDA SGFNLIIHEV AHKLDTRNGD RASGVPFISL REVAGWEHDL HAAMNNIQEE IELVGENAAS IDAYAASDPA ECFAVLSEYF FSAPELFAPR FPSLWQRFCQ FYQQDPLQRL HHANDTDSFS ATNVH
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	30,238 Da
Sequence Positions	1-265, 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 Q0T3D7
Species	Shigella flexneri serotype 5b (strain 8401)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mtfA recombinant protein	MBS1387285 is a recombinant protein targeting mtfA. Also known as Recombinant Shigella flexneri serotype 5b Protein mtfA (mtfA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mtfA 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 mtfA. It may not necessarily be applicable to this product.

NCBI GI #	485692007
NCBI Accession #	WP_001325918.1
UniProt Primary Accession #	Q0T3D7
GenBank Nucleotide #	WP_001325918.1
NCBI Official Full Name	MULTISPECIES: protein MtfA

UniProt Protein Name	Protein MtfA
UniProt Synonym Protein Names	Mlc titration factor A
Protein Family	C2H2 finger domain transcription factor
UniProt Gene Name	mtfA
UniProt Comments for mtfA	Involved in the regulation of ptsG expression by binding and inactivating Mlc.
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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