Protein Mtfa (mtfA) Escherichia Coli O7:k1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein mtfA (mtfA), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O7:K1 Protein mtfA (mtfA)
Product Gene Name	mtfA recombinant protein
Sequence	MIKWPWKVQE SAHQTALPWQ EALSIPLLTC LTEQEQSKLV ALAERFLQQK RLVPLQGFEL NSLRSCRIAL LFCLPVLELG LEWLDGFHEI 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	30,252 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 B7NRA8
Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mtfA recombinant protein	MBS1226198 is a recombinant protein targeting mtfA. Also known as Recombinant Escherichia coli O7:K1 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 #	485671012
NCBI Accession #	WP_001311896.1
UniProt Primary Accession #	B7NRA8
GenBank Nucleotide #	WP_001311896.1
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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