Iron-Sulfur Cluster Repair Protein Ytfe (ytfE) Salmonella Enteritidis PT4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Iron-sulfur cluster repair protein YtfE (ytfE), Recombinant Protein
Full Product Name	Recombinant Salmonella enteritidis PT4 Iron-sulfur cluster repair protein YtfE (ytfE)
Product Gene Name	ytfE recombinant protein
Sequence	MAYRDQPLGE LALSIPRASA LFRQYDMDYC CGGKQTLARA AARHDVDIDI IEAQLAQLAE QPIEKDWRAV PLADIIDHIV VRYHDRHREQ LPELILQATK VERVHADKPN VPRGLTKYLT ALHEELSSHM MKEEQILFPM IKQGMGRQAT GPISVMESEH DEAGELVDVI KHVTQNVTPP PEACTTWKAM YNGINEMIDD LMEHISLENN VLFPRALAGE
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	24,911 Da
Sequence Positions	1-220, 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 B5R0S8
Species	Salmonella enteritidis PT4 (strain P125109)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ytfE recombinant protein	MBS1257240 is a recombinant protein targeting ytfE. Also known as Recombinant Salmonella enteritidis PT4 Iron-sulfur cluster repair protein YtfE (ytfE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ytfE 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 ytfE. It may not necessarily be applicable to this product.

NCBI GI #	446253616
NCBI Accession #	WP_000331471.1
UniProt Primary Accession #	B5R0S8
GenBank Nucleotide #	WP_000331471.1
NCBI Official Full Name	iron-sulfur cluster repair protein YtfE

UniProt Protein Name	Iron-sulfur cluster repair protein YtfE
Protein Family	Iron-sulfur cluster repair protein
UniProt Gene Name	ytfE
UniProt Comments for ytfE	Di-iron-containing protein involved in the repair of iron-sulfur clusters damaged by oxidative and nitrosative stress conditions.
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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