Ribosome-Recycling Factor (frr) Shigella Dysenteriae Serotype 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosome-recycling factor (frr), Recombinant Protein
Full Product Name	Recombinant Shigella dysenteriae serotype 1 Ribosome-recycling factor (frr)
Product Gene Name	frr recombinant protein
Product Synonym Gene Name	frr
Sequence	MISDIRKDAE VRMDKCVEAF KTQISKIRTG RASPSLLDGI VVEYYGTPTP LRQLASVTVE DSRTLKINVF DRSMSPAVEK AIMASDLGLN PNSAGSDIRV PLPPLTEERR KDLTKIVRGE AEQARVAVRN VRRDANDKVK ALLKDKEISE DDDRRSQDDV QKLTDAAIKK IEAALADKEA ELMQF
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	20,639 Da
Sequence Positions	1-185, 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 Q32JT7
Species	Shigella dysenteriae serotype 1 (strain Sd197)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for frr recombinant protein	MBS1376243 is a recombinant protein targeting frr. Also known as Recombinant Shigella dysenteriae serotype 1 Ribosome-recycling factor (frr). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of frr 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 frr. It may not necessarily be applicable to this product.

NCBI GI #	446545072
NCBI Accession #	WP_000622418.1
UniProt Primary Accession #	Q32JT7
GenBank Nucleotide #	WP_000622418.1
NCBI Official Full Name	MULTISPECIES: ribosome-recycling factor
UniProt Protein Name	Ribosome-recycling factor

UniProt Synonym Protein Names	Ribosome-releasing factor
Protein Family	Ribosome-recycling factor
UniProt Gene Name	frr
UniProt Synonym Gene Names	RRF
UniProt Comments for frr	Responsible for the release of ribosomes from messenger RNA at the termination of protein biosynthesis. May increase the efficiency of translation by recycling ribosomes from one round of translation to another.
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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