Ribosome-Recycling Factor (frr) Bradyrhizobium Japonicum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosome-recycling factor (frr), Recombinant Protein
Full Product Name	Recombinant Bradyrhizobium japonicum Ribosome-recycling factor (frr)
Product Gene Name	frr recombinant protein
Product Synonym Gene Name	frr
Sequence	MMPTGNFDLN EVKRRMQGAV QSLKHELGGL RTGRASASML DPVQVEAYGS HMPLNQLATV SVPEPRLISV QVWDKSMVKA VEKAIVDSNL GLSPATEGQV LRLRIPELNE ERRKELVKVA HKYAEAAKVA ARHVRRDGLD VLKKLEKNHE MSEDDQKRHA DEVQKVTDGT IAEIDQLLAA KEKEILTV
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	20,961 Da
Sequence Positions	1-188, 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 Q89KP6
Species	Bradyrhizobium japonicum (strain USDA 110)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for frr recombinant protein	MBS1472608 is a recombinant protein targeting frr. Also known as Recombinant Bradyrhizobium japonicum 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 #	27379969
NCBI GeneID	1052109
NCBI Accession #	NP_771498.1
UniProt Primary Accession #	Q89KP6
UniProt Related Accession #	Q89KP6
GenBank Nucleotide #	NC_004463.1

NCBI Official Full Name	ribosome recycling factor
NCBI Official Symbol	frr
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
NCBI Protein Information	ribosome recycling factor
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.
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