# Ribosome-Recycling Factor (frr) Nitrosomonas Eutropha Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Ribosome-recycling factor (frr), Recombinant Protein |
| **Full Product Name** | Recombinant Nitrosomonas eutropha Ribosome-recycling factor (frr) |
| **Product Gene Name** | frr recombinant protein |
| **Product Synonym Gene Name** | frr |
| **Sequence** | MIADIKKATE QKMQKSLDAL KVDFSKVRSG RPHTGLLDHI TVDYYGTPTP IRQLANVTLA DARTIGVIPW DKKAFSAIEK AIRDSDMGLN PMTAGEMVRV PMPPLTEERR KDLTKIVRTE AETARIAMRN IRRDANTQLK ELLKDKLIAE DEDRRAQDDI QKLTDRYIAE VDKLLQAKEA ELMAV |
| **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** | 20,984 Da |
| **Sequence Positions** | 1-185, 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 Q0AEH7 |
| **Species** | Nitrosomonas eutropha (strain C91) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for frr recombinant protein** | MBS1422069 is a recombinant protein targeting frr. Also known as Recombinant Nitrosomonas eutropha 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.

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| **NCBI GI #** | 499954318 |
| **NCBI Accession #** | WP_011635052.1 |
| **UniProt Primary Accession #** | Q0AEH7 |
| **GenBank Nucleotide #** | WP_011635052.1 |
| **NCBI Official Full Name** | ribosome-recycling factor |
| **UniProt Protein Name** | Ribosome-recycling factor |

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| **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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