# Peptide Chain Release Factor 2 (prfB) Helicobacter Pylori Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Peptide chain release factor 2 (prfB), Recombinant Protein |
| **Full Product Name** | Recombinant Helicobacter pylori Peptide chain release factor 2 (prfB) |
| **Product Gene Name** | prfB recombinant protein |
| **Sequence** | MDNYTYSELL KSLQNKCDNI ALIIKPEKIK QELERIEKEQ EDPNFWQDVL KARDTNKEKV RLNRLLETYQ KTKNSLDESV ELFELAQNDN DEVTLSLLYE EAPILENSVQ KVEIEIMLSG ENDASNAIIT IQPGAGGTES QDWASILYRM YLRWAERRGF KSEILDYQDG EEAGIKGVAF IIKGENAYGY LKNENGVHRL VRISPFDANA KRHTSFASVQ ISPELDDDID IEIDEKDVRY DYYRSSGAGG QHVNKTESAV RITHFPTGIV VQCQNDRSQH KNKASALKML KSKLYELELE KQQSSAKNEE KSEIGWGHQI RSYVLAPYQQ VKDARSNTAY SNVEAILDGD IDAILEGVLI AKA |
| **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** | 41,317 Da |
| **Sequence Positions** | 1-363, 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 P55999 |
| **Species** | Helicobacter pylori (strain 700392 / 26695) (Campylobacter pylori) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for prfB recombinant protein** | MBS1251449 is a recombinant protein targeting prfB. Also known as Recombinant Helicobacter pylori Peptide chain release factor 2 (prfB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of prfB 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 prfB. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 15644800 |
| **NCBI GeneID** | 899148 |
| **NCBI Accession #** | NP_206970.1 |
| **UniProt Primary Accession #** | P55999 |
| **UniProt Related Accession #** | P55999 |

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| **GenBank Nucleotide #** | NC_000915.1 |
| **NCBI Official Full Name** | peptide chain release factor 2 |
| **NCBI Official Symbol** | prfB |
| **UniProt Protein Name** | Peptide chain release factor 2 |
| **Protein Family** | Peptide chain release factor |
| **UniProt Gene Name** | prfB |
| **UniProt Synonym Gene Names** | RF-2 |
| **NCBI Protein Information** | peptide chain release factor 2 |
| **UniProt Comments for prfB** | Peptide chain release factor 2 directs the termination of translation in response to the peptide chain termination codons UGA and UAA. |
| **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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