Protein Mrp Homolog (mrp) Rickettsia Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein mrp homolog (mrp), Recombinant Protein
Full Product Name	Recombinant Rickettsia typhi Protein mrp homolog (mrp)
Product Gene Name	mrp recombinant protein
Product Synonym Gene Name	mrp
Sequence	MANLHQQQII DKIQNITFKD GTFLNEVISD IIIKGNNIGF SIDISGKNKL EAEEIRLKAI NELNNIKDVN NITIVFTQKK TIDKKAQKPK HFVENVKKII LVASGKGGVG KSTISALIAQ QLSLENYQVG IVDADIYGPS IPHIFGINEI PKTVEGRIIP ILAQNIQIIS IGFFVKAHSA IIYRGPMASK IIYQLLSNTR WNNLDYLIID MPPGTGDIHL SMLENYHLDG VIVVTTPQKI SEIDVIRSID LYRKLGLPIL GIIENMIYML ESDRCGHLSK KYNIPLIAKI PIIPQIANAC DKSLPLTNLL TLPLEKYL
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	35,466 Da
Sequence Positions	1-318, 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 Q68XP6
Species	Rickettsia typhi (strain VR-144 / Wilmington)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mrp recombinant protein	MBS1342674 is a recombinant protein targeting mrp. Also known as Recombinant Rickettsia typhi Protein mrp homolog (mrp). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mrp 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 mrp. It may not necessarily be applicable to this product.

NCBI GI #	499503943
NCBI Accession #	WP_011190583.1
UniProt Primary Accession #	Q68XP6
GenBank Nucleotide #	WP_011190583.1
NCBI Official Full Name	protein mrp

UniProt Protein Name	Iron-sulfur cluster carrier protein
Protein Family	Iron-sulfur cluster carrier protein
UniProt Gene Name	mrp
UniProt Comments for mrp	Binds and transfers iron-sulfur (Fe-S) clusters to target apoproteins. Can hydrolyze ATP.
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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