DNA Repair Protein Reco (recO) Brucella Melitensis Biotype 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA repair protein recO (recO), Recombinant Protein
Full Product Name	Recombinant Brucella melitensis biotype 1 DNA repair protein recO (recO)
Product Gene Name	recO recombinant protein
Product Synonym Gene Name	recO
Sequence	MEWRDEGVIL GTRRHGETSA IVEVMTCGHG RHMGMVRGGR SRRMQPLLQP GNHVDVSWWA RLDEHMGTFT IEPLSFAAAR LIETPVALYG IQLAAAHLRL LPERDPHRGL YETLRLIIEH FDDPLAAGEL LLRFEVMMLE ELGFGLDLKE CAATGRKDDL IYVSPTSGRA VCREAGAPWA EKLLSLPSFV NDTALRASCY DDLDRAFTMT GYFLMRHVWE PRAQTPPDSR SGFLNAVGRA INLSQAS
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	27,642 Da
Sequence Positions	1-247, 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 Q8YG76
Species	Brucella melitensis biotype 1 (strain 16M / 23456 / 10094)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for recO recombinant protein	MBS1424876 is a recombinant protein targeting recO. Also known as Recombinant Brucella melitensis biotype 1 DNA repair protein recO (recO). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of recO 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 recO. It may not necessarily be applicable to this product.

NCBI GI #	490821303
NCBI Accession #	WP_004683400.1
UniProt Primary Accession #	Q8YG76
GenBank Nucleotide #	WP_004683400.1
NCBI Official Full Name	MULTISPECIES: DNA repair protein RecO

UniProt Protein Name	DNA repair protein RecO
UniProt Synonym Protein Names	Recombination protein O
Protein Family	DNA repair protein
UniProt Gene Name	recO
UniProt Comments for recO	Involved in DNA repair and RecF pathway recombination.
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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