DNA Repair Protein Reco (recO) Moorella Thermoacetica Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA repair protein recO (recO), Recombinant Protein
Full Product Name	Recombinant Moorella thermoacetica DNA repair protein recO (recO)
Product Gene Name	recO recombinant protein
Product Synonym Gene Name	recO
Sequence	MPGLFQAEGI VLKSRDYQET DQLLTILTRT HGKLEAIVKG VRKPRSSLRS GTQQLCRSRF LFYAGKSLAT VTQCEVQEIY GPLRQDLKRL AYAYYLVEIA DGVVMPGQVN QAMYLLLQQG LEALGELEPA LVARAFEART LKLLGLAPRL EACALCQREL KGNGRVAIAP AAGGALCPEC RGHQGREYLV SRGGVKTWQQ LNRLNWSYLK RLQINPMLMG ELGEVMPAFL EYYLDRRLRS RAFINEIGGD NIDGPGKNRP VAQAPGT
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	29,662 Da
Sequence Positions	1-267, 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 Q2RKV8
Species	Moorella thermoacetica (strain 39073)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for recO recombinant protein	MBS1326491 is a recombinant protein targeting recO. Also known as Recombinant Moorella thermoacetica 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 #	499711404
NCBI GeneID	3830986
NCBI Accession #	WP_011392138.1
UniProt Primary Accession #	Q2RKV8
UniProt Related Accession #	Q2RKV8

GenBank Nucleotide #	WP_011392138.1
NCBI Official Full Name	DNA repair protein RecO
NCBI Official Symbol	Moth_0601
UniProt Protein Name	DNA repair protein RecO
UniProt Synonym Protein Names	Recombination protein O
Protein Family	DNA repair protein
UniProt Gene Name	recO
NCBI Protein Information	DNA replication and repair protein 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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