Probable DNA Repair Protein RAD51 Homolog 4 (rad51d) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable DNA repair protein RAD51 homolog 4 (rad51d), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Probable DNA repair protein RAD51 homolog 4 (rad51d)
Product Gene Name	rad51d recombinant protein
Product Synonym Gene Name	rad51d
Sequence	MEEESISGLE VRFYQTQCLS EDNVIKFENN GYPMIDLILF SDAYQIQRNT SIPIETVTLI QRNLQRLFSS VPINGYQHYL DVKEFKTHYS SGIKLLDQLL GGNGFTSGEI YELVGNTSCG KTQISMCCSL NLSQQYNSNI IYIDSSNSFS PPRLIEIFKS NYLIKQRQKQ QQKQQQKQHQ KQQENNDKIE QDKILKILDR IKVFNCFDSI TLLELLSTID STLSIISDEI PTFENQFYKG LKMVVIDSIG TLLAPIIGGK QTQGHYTMMM ISRLIKYIAD TYQIIFLITN NTVGGNSFDN KAALGEAWSM VPNHQLMINH QYNDDENEER SIYIEKSTRL PVSIIFIINL YWLF
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	40,822 Da
Sequence Positions	1-354, 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 Q1ZXF0
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rad51d recombinant protein	MBS1328766 is a recombinant protein targeting rad51d. Also known as Recombinant Dictyostelium discoideum Probable DNA repair protein RAD51 homolog 4 (rad51d). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rad51d 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 rad51d. It may not necessarily be applicable to this product.

NCBI GI #	111226459
NCBI GeneID	8625032
NCBI Accession #	XP_001134538.1
UniProt Primary Accession #	Q1ZXF0

GenBank Nucleotide #	XM_001134538.1
NCBI Official Full Name	hypothetical protein DDB_G0285287
NCBI Official Symbol	DDB_G0285287
UniProt Protein Name	Probable DNA repair protein RAD51 homolog 4
Protein Family	DNA repair protein
UniProt Gene Name	rad51d
NCBI Protein Information	hypothetical protein
UniProt Comments for rad51d	Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA breaks arising during DNA replication or induced by DNA-damaging agents.
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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