DNA Repair and Recombination Protein Rada (radA) Haloquadratum Walsbyi Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA repair and recombination protein radA (radA), Recombinant Protein
Full Product Name	Recombinant Haloquadratum walsbyi DNA repair and recombination protein radA (radA)
Product Gene Name	radA recombinant protein
Product Synonym Gene Name	radA
Sequence	MPEDELEDLP GVGPATSDKL VDAGFESYQA IAVASPAEMS NTADVGESTA SDIINAARDA ADVGGFETGA AVLQRREEIG KLSWKIPEVD ELLGGGIETQ SITEVYGEFG AGKSQVTHQM AVNVQLPPEH GGLGGAAIFV DSEDTFRPER IDDMLRGLDD EIITDLLERR EIEGTPGDDE TMKALLDSFL DHIHVAKAFN SNHQILLAEK AKELARDNQD SGFPVRLLCV DSLTAHFRAE YVGRGSLAER QQKLNKHLHD LMRIGDLYNT AVLVTNQVAS NPDSYFGDPT QPIGGNILGH TSTFRMYLRK SKNDKRIVRL VDAPNLADGE AVMRVKDAGL KPE
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	37,279 Da
Sequence Positions	1-343, 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 Q18EU1
Species	Haloquadratum walsbyi (strain DSM 16790)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for radA recombinant protein	MBS1392108 is a recombinant protein targeting radA. Also known as Recombinant Haloquadratum walsbyi DNA repair and recombination protein radA (radA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of radA 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 radA. It may not necessarily be applicable to this product.

NCBI GI #	499891889
NCBI Accession #	WP_011572623.1
UniProt Primary Accession #	Q18EU1
GenBank Nucleotide #	WP_011572623.1

NCBI Official Full Name	DNA repair and recombination protein RadA
UniProt Protein Name	DNA repair and recombination protein RadA
Protein Family	DNA repair and recombination protein
UniProt Gene Name	radA
UniProt Comments for radA	Involved in DNA repair and in homologous recombination. Binds and assemble on single-stranded DNA to form a nucleoprotein filament. Hydrolyzes ATP in a ssDNA-dependent manner and promotes DNA strand exchange between homologous DNA molecules.
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