DNA Repair Protein RAD59 (RAD59) Kluyveromyces Lactis Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA repair protein RAD59 (RAD59), Recombinant Protein
Full Product Name	Recombinant Kluyveromyces lactis DNA repair protein RAD59 (RAD59)
Product Gene Name	RAD59 recombinant protein
Product Synonym Gene Name	RAD59; KLLA0E05203g
Product Synonym Names	DNA repair protein RAD59
Sequence	MSRYTDISYE GTSYTVNTGL DIKDFQIEED WYNRPASEWS VKRIGQLQGK VEQYTYRIYH SNKYGKHNLA RLIPGHVLIS FANECFGYDG WSSEVEEITS LEHTENAASE DKRESHTVLA EARVKLVLKD DTYTFAGGFG KSTMPFKGEA FAKAKKEAIT DALKNCLLGF EKVILDHEIK IKQNYYVDGV FKAEMSKIEG KTSIPRTVR
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	23,859 Da
Sequence Positions	1-209aa; 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 Q9HEU2
Species	Kluyveromyces lactis (strain 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) (Candida sphaerica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RAD59 recombinant protein	MBS1328508 is a recombinant protein targeting RAD59. Also known as Recombinant Kluyveromyces lactis DNA repair protein RAD59 (RAD59). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RAD59 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 RAD59. It may not necessarily be applicable to this product.

NCBI GI #	50308361
NCBI GeneID	2894107
NCBI Accession #	XP_454182.1
UniProt Primary Accession #	Q9HEU2

UniProt Secondary Accession #	Q6CPF7
UniProt Related Accession #	Q9HEU2
GenBank Nucleotide #	XM_454182.1
NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	KLLA0E05259g
UniProt Protein Name	DNA repair protein RAD59
Protein Family	DNA repair protein
UniProt Gene Name	RAD59
UniProt Entry Name	RAD59_KLULA
NCBI Protein Information	hypothetical protein
UniProt Comments for RAD59	Involved in the repair of double-strand breaks in DNA during vegetative growth via recombination and single-strand annealing. Anneals complementary single-stranded DNA ().
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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