Postreplication Repair E3 Ubiquitin-Protein Ligase RAD18 (RAD18) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Postreplication repair E3 ubiquitin-protein ligase RAD18 (RAD18), Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Postreplication repair E3 ubiquitin-protein ligase RAD18 (RAD18)
Product Gene Name	RAD18 recombinant protein
Product Synonym Gene Name	RAD18; DEHA2F12298g
Product Synonym Names	Postreplication repair E3 ubiquitin-protein ligase RAD18; EC=6.3.2.-
Sequence	MNSNPFTKNL QNVTDPSDWE PTKLPNLKEL DSLQRCYICK EFLKAPVITS CNHTFCSHCI REYLIVNSHC PLCKAEQFES NLKRVILLEE IVLCFSKFRP ILLELLKKEE SNEAYDKNRS PFSEIPSKDE DSRKRSSPDQ EVIEISSDES NSLELSEASN DVPKKKIKAE INSNSRNAIP TRNEMVECPI CAEVMSADLL QTQHIDYCLS GKSQPSSSRS AGNSSSRYQS MKRRQPNKTN NGISSFFKPA DNKPIMAGAG KLDLSKTDNQ NFYFDEVSKH HHNDIKKLPK LDFSSLTTPK LKEKLSHLKL PVQGTRIQLE LRYNQYYILF NSNLDSNHPL SEKVLKQKLN QWELSHSAFT NQGSTSTLFN NGSPAVKSIT DKNFSVKEWL DANRNEYKSL VKAARASIKK ASTKNVTSSI SIDTEAINTH SVGGQHLNER SEYRSEANLI EPIDDGASEE IQQNEISNLN FKKDIANSPL FVKDTLNESH S
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	55,586 Da
Sequence Positions	1-491aa; 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 Q6BLM3
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RAD18 recombinant protein	MBS1324771 is a recombinant protein targeting RAD18. Also known as Recombinant Debaryomyces hansenii Postreplication repair E3 ubiquitin-protein ligase RAD18 (RAD18). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RAD18 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 RAD18. It may not necessarily be applicable to this product.

NCBI GI #	294658552

NCBI GeneID	2904190
NCBI Accession #	XP_460898.2
UniProt Primary Accession #	Q6BLM3
UniProt Related Accession #	Q6BLM3
GenBank Nucleotide #	XM_460898.1
NCBI Official Full Name	DEHA2F12298p
NCBI Official Symbol	DEHA2F12298g
UniProt Protein Name	Postreplication repair E3 ubiquitin-protein ligase RAD18
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	RAD18
UniProt Synonym Gene Names	DEHA2F12298g
UniProt Entry Name	RAD18_DEBHA
NCBI Protein Information	DEHA2F12298p
UniProt Comments for RAD18	E3 RING-finger protein, member of the UBC2/RAD6 epistasis group. Associates to the E2 ubiquitin conjugating enzyme UBC2/RAD6 to form the UBC2-RAD18 ubiquitin ligase complex involved in postreplicative repair (PRR) of damaged 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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