DNA Repair and Recombination Protein Rhm52 (RHM52), Partial (RHM52) Magnaporthe Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA repair and recombination protein rhm52 (RHM52), partial, Recombinant Protein
Full Product Name	Recombinant Magnaporthe oryzae DNA repair and recombination protein rhm52 (RHM52), partial
Product Gene Name	RHM52 recombinant protein
Product Synonym Gene Name	RHM52; MGG_08585
Product Synonym Names	DNA repair and recombination protein rhm52; RAD52 homolog
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	59,151 Da
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 Q8NK72
Species	Magnaporthe oryzae (strain 70-15 / MYA-4617 / FGSC 8958) (Rice blast fungus) (Pyricularia oryzae)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RHM52 recombinant protein	MBS1359973 is a recombinant protein targeting RHM52. Also known as Recombinant Magnaporthe oryzae DNA repair and recombination protein rhm52 (RHM52), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RHM52 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 RHM52. It may not necessarily be applicable to this product.

NCBI GI #	389636936
NCBI GeneID	2678699
NCBI Accession #	XP_003716111.1
UniProt Primary Accession #	Q8NK72
UniProt Secondary Accession #	A4QYI8; G4N668
UniProt Related Accession #	Q8NK72
GenBank Nucleotide #	XM_003716063.1

NCBI Official Full Name	DNA repair and recombination protein rhm52
NCBI Official Symbol	MGG_08585
UniProt Protein Name	DNA repair and recombination protein rhm52
UniProt Synonym Protein Names	RAD52 homolog
Protein Family	DNA repair and recombination protein
UniProt Gene Name	RHM52
UniProt Entry Name	RAD52_MAGO7
NCBI Protein Information	DNA repair and recombination protein rhm52
UniProt Comments for RHM52	Involved in DNA double-strand break (DSB) repair and recombination. Promotes the annealing of complementary single-stranded DNA and by stimulation of the RAD51 recombinase ().
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