ATP-Dependent RNA Helicase Dbp5 (dbp5) Neosartorya Fumigata Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase dbp5 (dbp5), Recombinant Protein
Full Product Name	Recombinant Neosartorya fumigata ATP-dependent RNA helicase dbp5 (dbp5)
Product Gene Name	dbp5 recombinant protein
Product Synonym Gene Name	dbp5; AFUA_2G01210
Product Synonym Names	ATP-dependent RNA helicase dbp5; EC=3.6.4.13
Sequence	MASEQPVEAA PTGGSLADRI TKPDESNTSE TPAPIGDQTD GAPAQLGGSD LHEPEYNVEV KLSDLQADPN NPLYSVKNFE DLGLDPRILK GLSSMNFRKP SKIQERALPL LLNNPPKNLV GQSQSGTGKT AAFVLNALSR VDLSTEQMQK TPQALILAPT RELARQILGV VQVMGQFVDG LIIGAAVPTD RDSRPKRLEC SIVVGTPGTV GDMIKRRTFI PNKLKVLVLD EADNMLDQQG LGDQCIRVKA LLPRDIQVVL FSATFPEHVH QYASKFAPNA NEITLQHEEL TVEGIKQLYL DCADGEDKYR TLVQLYGLLT VGSSIIFVQT RAAAQEIERR MTAEGHTVVS LTGERDPSVR DAIIDQFRRG EAKVLIATNV LARGIDVSTV SMVINYDIPE LHQPNVPGRQ ADFQTYLHRI GRTGRFGRVG VSISFVSNRE EWEMLNQIQT YFNCEIQRVD TKDWDEVEDI IKKTIKNSRA NPKFAGGKD
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	53,947 Da
Sequence Positions	1-489aa; 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 Q4WIN6
Species	Neosartorya fumigata (strain MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dbp5 recombinant protein	MBS1385871 is a recombinant protein targeting dbp5. Also known as Recombinant Neosartorya fumigata ATP-dependent RNA helicase dbp5 (dbp5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dbp5 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 dbp5. It may not necessarily be applicable to this product.

NCBI GI #	146322734
NCBI GeneID	3506980
NCBI Accession #	XP_749257.2

UniProt Primary Accession #	Q4WIN6
UniProt Related Accession #	Q4WIN6
GenBank Nucleotide #	XM_744164.2
NCBI Official Full Name	ATP dependent RNA helicase (Dbp5)
NCBI Official Symbol	AFUA_2G01210
UniProt Protein Name	ATP-dependent RNA helicase dbp5
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	dbp5
UniProt Entry Name	DBP5_ASPFU
NCBI Protein Information	ATP dependent RNA helicase (Dbp5)
UniProt Comments for dbp5	ATP-dependent RNA helicase associated with the nuclear pore complex and essential for mRNA export from the nucleus. May participate in a terminal step of mRNA export through the removal of proteins that accompany mRNA through the nucleopore complex. May also be involved in early transcription ().
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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