ATP-Dependent RNA Helicase DBP5 (DBP5) Gibberella Zeae Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase DBP5 (DBP5), Recombinant Protein
Full Product Name	Recombinant Gibberella zeae ATP-dependent RNA helicase DBP5 (DBP5)
Product Gene Name	DBP5 recombinant protein
Product Synonym Gene Name	DBP5; FG10087
Product Synonym Names	ATP-dependent RNA helicase DBP5; EC=3.6.4.13
Sequence	MADLASRITK PDEVAAETPA ETPAETAPAA SGELGQADGN IEDLGGSGLQ EPEWDVEVSL SELQNNEATP FHSATTWQDL GLREDLLKGL LSLNFLKPSK VQGKSLPLML SDPPRNMLAQ SQSGTGKTAA FVTAILSRVD FSKPDQPQAL ALAPSRELAR QIEGVINAIG RFVENKKVAA AIPGVLPRGE PVRASVIVGT PGTVMDIIRR RQLDISQLRV LVLDEADNML DQQGLGDQCL KVKNMLPKEI QVLLFSATFP ENVMKYAGKF APNAHSLKLQ RSELTVKGIS QMFIDCPDDN MKYDILCKLY GLMTIGQSVI FVKTRDSASE IERRMVADGH KVSALHAAFD GAERDNLLTK FRQGENKVLI TTNVLARGID VSSVSMVINY DIPMKGRGDT EPDAETYLHR IGRTGRFGRV GVSISFVYDK KSFDALSKIA EMYGIDLVKL DTEDWDEAEE RVKEVIKKNR AQASYAPSAT EPKAAAGA
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	53,168 Da
Sequence Positions	1-488aa; 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 Q4HY71
Species	Gibberella zeae (strain PH-1 / MYA-4620 / FGSC 9075 / NRRL 31084) (Wheat head blight fungus) (Fusarium graminearum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DBP5 recombinant protein	MBS1343724 is a recombinant protein targeting DBP5. Also known as Recombinant Gibberella zeae 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 #	46137143
NCBI GeneID	2792187

NCBI Accession #	XP_390263.1
UniProt Primary Accession #	Q4HY71
UniProt Secondary Accession #	V6RQB4
UniProt Related Accession #	Q4HY71
GenBank Nucleotide #	XM_390263.1
NCBI Official Full Name	hypothetical protein FG10087.1
NCBI Official Symbol	FG10087.1
UniProt Protein Name	ATP-dependent RNA helicase DBP5
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	DBP5
UniProt Synonym Gene Names	FGSG_10087
UniProt Entry Name	DBP5_GIBZE
NCBI Protein Information	hypothetical protein
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/atp-dependent-rna-helicase-dbp5-dbp5/1343724