ATP-Dependent RNA Helicase Dbp-5 (dbp-5) Neurospora Crassa Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase dbp-5 (dbp-5), Recombinant Protein
Full Product Name	Recombinant Neurospora crassa ATP-dependent RNA helicase dbp-5 (dbp-5)
Product Gene Name	dbp-5 recombinant protein
Product Synonym Gene Name	dbp-5
Sequence	MADLASRITK PDEAPAAAPE AAPVSAPASE EPKAPENETS IEESQSNLVK NEYEVEIKLS DLQNDTESPL YSVSSFDELG LPEAVNRGLL AINFKKPSKV QEKCLPLMLS DPPRNMIAQS QSGTGKTAAF VLTVLSRIDL SKPHQPQALL LAPSRELARQ IQTVVQTIGQ FCENLIVEAA IPGAISRETG VRGSVVVGTP GTVMDLVKRR QFDISQLKVL VIDEADNMLD QQGLGDQCVR VKNMLPKTIQ ILLFSATFPD KVLRFAERFA PNANQMKLKH KELTVKGISQ MFMDCPTEKD KYDILCKLYG LMTIGSSVIF VRTRETANEI QKRMEADGHK VSALHGAYEG QSRDVLLDEF RSGRSKVLIT TNVLARGIDV SSVSMVINYD IPMKGPGERE PDAETYLHRI GRTGRFGRVG VSISFVHDRR SFEALSQIAQ FYGIDLIQLN PNDLDDTERK VQEVIKSSRA QAEYVPSATD SAV
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	53,216 Da
Sequence Positions	1-483, Full length
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 Q8X0X2
Species	Neurospora crassa (strain 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dbp-5 recombinant protein	MBS1350346 is a recombinant protein targeting dbp-5. Also known as Recombinant Neurospora crassa ATP-dependent RNA helicase dbp-5 (dbp-5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dbp-5 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 dbp-5. It may not necessarily be applicable to this product.

NCBI GI #	85103495
NCBI GeneID	3877706
NCBI Accession #	XP_961526.1
UniProt Primary Accession #	Q8X0X2

UniProt Secondary Accession #	Q1K870
UniProt Related Accession #	Q8X0X2
GenBank Nucleotide #	XM_956433.2
NCBI Official Full Name	ATP-dependent RNA helicase dbp-5
NCBI Official Symbol	NCU01160
UniProt Protein Name	ATP-dependent RNA helicase dbp-5
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	dbp-5
NCBI Protein Information	ATP-dependent RNA helicase dbp-5
UniProt Comments for dbp-5	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 ().
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