ATP-Dependent RNA Helicase DBP3 (DBP3) Ustilago Maydis Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase DBP3 (DBP3), Recombinant Protein
Full Product Name	Recombinant Ustilago maydis ATP-dependent RNA helicase DBP3 (DBP3), partial
Product Gene Name	DBP3 recombinant protein
Product Synonym Gene Name	DBP3
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	63,200 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 Q4PDT1
Species	Ustilago maydis (strain 521 / FGSC 9021) (Smut fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DBP3 recombinant protein	MBS1429958 is a recombinant protein targeting DBP3. Also known as Recombinant Ustilago maydis ATP-dependent RNA helicase DBP3 (DBP3), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DBP3 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 DBP3. It may not necessarily be applicable to this product.

NCBI GI #	758975297
NCBI GeneID	23562649
NCBI Accession #	XP_011387703.1
UniProt Primary Accession #	Q4PDT1
UniProt Secondary Accession #	A0A0D1E3B5
UniProt Related Accession #	Q4PDT1
GenBank Nucleotide #	XM_011389401.1
NCBI Official Full Name	putative RNA helicase required for pre-rRNA processing
NCBI Official Symbol	UMAG_01732

UniProt Protein Name	ATP-dependent RNA helicase DBP3
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	DBP3
NCBI Protein Information	putative RNA helicase required for pre-rRNA processing
UniProt Comments for DBP3	ATP-dependent RNA helicase required for 60S ribosomal subunit synthesis. Involved in efficient pre-rRNA processing, predominantly at site A3, which is necessary for the normal formation of 25S and 5.8S rRNAs ().
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