ATP-Dependent Rrna Helicase Spb-4 (spb-4) Neurospora Crassa Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent rRNA helicase spb-4 (spb-4), Recombinant Protein
Full Product Name	Recombinant Neurospora crassa ATP-dependent rRNA helicase spb-4 (spb-4), partial
Product Gene Name	spb-4 recombinant protein
Product Synonym Gene Name	spb-4
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	73,382 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 Q873H9
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 spb-4 recombinant protein	MBS1312726 is a recombinant protein targeting spb-4. Also known as Recombinant Neurospora crassa ATP-dependent rRNA helicase spb-4 (spb-4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of spb-4 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 spb-4. It may not necessarily be applicable to this product.

NCBI GI #	85082015
NCBI GeneID	3872974
NCBI Accession #	XP_956827.1
UniProt Primary Accession #	Q873H9
UniProt Secondary Accession #	Q1K5G6
UniProt Related Accession #	Q873H9
GenBank Nucleotide #	XM_951734.2
NCBI Official Full Name	ATP-dependent rRNA helicase spb-4
NCBI Official Symbol	NCU03380

UniProt Protein Name	ATP-dependent rRNA helicase spb-4
Protein Family	ATP-dependent rRNA helicase
UniProt Gene Name	spb-4
NCBI Protein Information	ATP-dependent rRNA helicase spb-4
UniProt Comments for spb-4	ATP-binding RNA helicase involved in the biogenesis of 60S ribosomal subunits. Binds 90S pre-ribosomal particles and dissociates from pre-60S ribosomal particles after processing of 27SB pre-rRNA. Required for the normal formation of 18S rRNA through the processing of pre-rRNAs at sites A0, A1 and A2, and the normal formation of 25S and 5.8S rRNAs through the processing of pre-rRNAs at sites C1 and C2.
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