ATP-Dependent Rrna Helicase SPB4 (SPB4), Partial (SPB4) Gibberella Zeae Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent rRNA helicase SPB4 (SPB4), partial, Recombinant Protein
Full Product Name	Recombinant Gibberella zeae ATP-dependent rRNA helicase SPB4 (SPB4), partial
Product Gene Name	SPB4 recombinant protein
Product Synonym Gene Name	SPB4; FG10896
Product Synonym Names	ATP-dependent rRNA helicase SPB4; EC=3.6.4.-
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	71,628 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 Q4HVW2
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 SPB4 recombinant protein	MBS1308320 is a recombinant protein targeting SPB4. Also known as Recombinant Gibberella zeae ATP-dependent rRNA helicase SPB4 (SPB4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SPB4 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 SPB4. It may not necessarily be applicable to this product.

NCBI GI #	46138763
NCBI GeneID	2792607
NCBI Accession #	XP_391072.1
UniProt Primary Accession #	Q4HVW2
UniProt Secondary Accession #	V6RV17
UniProt Related Accession #	Q4HVW2
GenBank Nucleotide #	XM_391072.1

NCBI Official Full Name	hypothetical protein FG10896.1
NCBI Official Symbol	FG10896.1
UniProt Protein Name	ATP-dependent rRNA helicase SPB4
Protein Family	ATP-dependent rRNA helicase
UniProt Gene Name	SPB4
UniProt Entry Name	SPB4_GIBZE
NCBI Protein Information	hypothetical protein
UniProt Comments for SPB4	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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