ATP-Dependent RNA Helicase ROK1 (ROK1), Partial (ROK1) Gibberella Zeae Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase ROK1 (ROK1), partial, Recombinant Protein
Full Product Name	Recombinant Gibberella zeae ATP-dependent RNA helicase ROK1 (ROK1), partial
Product Gene Name	ROK1 recombinant protein
Product Synonym Gene Name	ROK1; FG00877
Product Synonym Names	ATP-dependent RNA helicase ROK1; EC=3.6.4.13
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	76,134 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 Q4IPI1
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 ROK1 recombinant protein	MBS1377917 is a recombinant protein targeting ROK1. Also known as Recombinant Gibberella zeae ATP-dependent RNA helicase ROK1 (ROK1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ROK1 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 ROK1. It may not necessarily be applicable to this product.

NCBI GI #	46107990
NCBI GeneID	2782101
NCBI Accession #	XP_381053.1
UniProt Primary Accession #	Q4IPI1
UniProt Secondary Accession #	V6QW04
UniProt Related Accession #	EAA70470
GenBank Nucleotide #	XM_381053.1

NCBI Official Full Name	hypothetical protein FG00877.1
NCBI Official Symbol	FG00877.1
UniProt Protein Name	ATP-dependent RNA helicase ROK1
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	ROK1
UniProt Entry Name	ROK1_GIBZE
NCBI Protein Information	hypothetical protein
UniProt Comments for ROK1	ATP-dependent RNA helicase involved in 40S ribosomal subunit biogenesis. Required for the processing and cleavage of 35S pre-rRNA at sites A0, A1, and A2, leading to mature 18S rRNA.
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.
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