ATP-Dependent RNA Helicase DHH1 (DHH1) Gibberella Zeae Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase DHH1 (DHH1), Recombinant Protein
Full Product Name	Recombinant Gibberella zeae ATP-dependent RNA helicase DHH1 (DHH1)
Product Gene Name	DHH1 recombinant protein
Product Synonym Gene Name	DHH1; FG10791
Product Synonym Names	ATP-dependent RNA helicase DHH1; EC=3.6.4.13
Sequence	MADQLADKLK STQLSDEWKK NLNLPAKDNR QQTEDVTNTK GLEFENFALK RDLLMGIFEA GFEKPSPIQE ESIPVALTGR DILARAKNGT GKTAAFVIPT LERINPKISK IQCLILVPTR ELAMQTSQVC KTLGKHLGIN VMVTTGGTGL RDDIIRLQDP VHIVVGTPGR ILDLAGKNVA DLSECPMFIM DEADKLLSIE FTPVIEQLLQ FHPKDRQVML FSATFPLSVK DFSDKNMVSP YEINLMDELT LRGITQYYAF VEEKQKVHCL NTLFSKLQIN QSIIFCNSTN RVELLAKKIT ELGYSCFYSH AKMQQHARNR VFHDFRNGVC RNLVCSDLLT RGIDIQAVNV VINFDFPKNA ETYLHRIGRS GRYGHLGLAI NLINWDDRFN LYNIERDLGT EIQPIPASID KSLYVYENPE SIPRPISNLP RGQLPAAQGQ HQNPQHGNPH YNNGGRGRGG RGRGYRGRGG QGQGGRGRGP PRDVQP
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	54,501 Da
Sequence Positions	1-486aa; full length protein
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 Q4HW67
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 DHH1 recombinant protein	MBS1386357 is a recombinant protein targeting DHH1. Also known as Recombinant Gibberella zeae ATP-dependent RNA helicase DHH1 (DHH1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DHH1 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 DHH1. It may not necessarily be applicable to this product.

NCBI GI #	46138553
NCBI GeneID	2792729

NCBI Accession #	XP_390967.1
UniProt Primary Accession #	Q4HW67
UniProt Secondary Accession #	V6RUY7
UniProt Related Accession #	EAA75145
GenBank Nucleotide #	XM_390967.1
NCBI Official Full Name	hypothetical protein FG10791.1
NCBI Official Symbol	FG10791.1
UniProt Protein Name	ATP-dependent RNA helicase DHH1
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	DHH1
UniProt Entry Name	DHH1_GIBZE
NCBI Protein Information	hypothetical protein
UniProt Comments for DHH1	ATP-dependent RNA helicase involved in mRNA turnover, and more specifically in mRNA decapping. Is involved in G1/S DNA-damage checkpoint recovery, probably through the regulation of the translational status of a subset of mRNAs. May also have a role in translation and mRNA nuclear export ().
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