ATP-Dependent RNA Helicase FAL1 (FAL1) Coccidioides Immitis Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase FAL1 (FAL1), Recombinant Protein
Full Product Name	Recombinant Coccidioides immitis ATP-dependent RNA helicase FAL1 (FAL1)
Product Gene Name	FAL1 recombinant protein
Product Synonym Gene Name	FAL1
Sequence	MADNFDRTAD ERIEFTTSKE VTVAPTFDDM HLKENLLRGI YAYGFESPSA IQSRAIVQIC KGRDTIAQAQ SGTGKTATFA ISILQVIDTA LRETQALVLS PTRELATQIQ NVIMAVGDYM NVQCHACIGG TNVGDDIRKL DHGQHVVSGT PGRVADMIRR RHLRTRHIKM LVLDEADDLL ARGFREQIYD VYRYLPPATQ VVVLSATLPY DVLSMTTKFM TDPVRILVKR DELTLEGLKQ YFIAVEKEEW KFDTLCDLYD TLTITQAVIF CNTRRKVDWL TDKMREANFT VSSMHGEMPQ KERDSIMQDF RQGNSRVLIS TDVWARGIDV QQVSLVINYD LPSNRENYIH RIGRSGRFGR KGVAINFVTS EDVRILRDIE LYYSTQIDEM PMNVADLLG
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	45,389 Da
Sequence Positions	1-399, 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 Q1DTB3
Species	Coccidioides immitis (strain RS) (Valley fever fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FAL1 recombinant protein	MBS1422825 is a recombinant protein targeting FAL1. Also known as Recombinant Coccidioides immitis ATP-dependent RNA helicase FAL1 (FAL1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FAL1 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 FAL1. It may not necessarily be applicable to this product.

NCBI GI #	815884796
NCBI GeneID	4561224
NCBI Accession #	XP_001242554.2
UniProt Primary Accession #	Q1DTB3

UniProt Secondary Accession #	J3K8S1
UniProt Related Accession #	Q1DTB3
GenBank Nucleotide #	XM_001242553.2
NCBI Official Full Name	ATP-dependent RNA helicase FAL1
NCBI Official Symbol	CIMG_06450
UniProt Protein Name	ATP-dependent RNA helicase FAL1
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	FAL1
NCBI Protein Information	ATP-dependent RNA helicase FAL1
UniProt Comments for FAL1	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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