Ruvb-Like Helicase 2 (rvb2) Neosartorya Fumigata Recombinant Protein

PRODUCT OVERVIEW

Product Name	RuvB-like helicase 2 (rvb2), Recombinant Protein
Full Product Name	Recombinant Neosartorya fumigata RuvB-like helicase 2 (rvb2)
Product Gene Name	rvb2 recombinant protein
Product Synonym Gene Name	rvb2; AFUA_1G02410
Product Synonym Names	RuvB-like helicase 2; EC=3.6.4.12
Sequence	MAVPISTVAE TKELRGLNLI AAHSHIRGLG VDADSLQPRT SSQGLVGQEK ARKAAAVILQ MVKEGKIAGR AVLIAGPPST GKTAIAMGMA QSLGSDVPFT MLAASEIFSM EMSKTEALTQ AFRKSIGVRI KEESEIIEGE VVEIQVDRSV TGGNKQGKLT IKTTDMETIY DMGTKMIDSM TKERVMAGDV ISIDKSSGKI TKLGRSYARS RDYDAMGADT KFVQCPEGEL QVRKEIVHTV SLHEIDVINS RTQGFLALFS GDTGEIRSEV RDQINTKVAE WKEEGKAEII PGVLFIDEVH MLDIECFSYI NRALEAELAP IVIMASNRGQ ARIRGTTYTS PHGLPLDFLD RVVIVSTQPY SGDEIRQILA IRAQEEEIDL SPDALALLTK IGQESNLRYA SNIITTSHLL SQKRKAKEVS IDDVQRSYRL FYDPARSVKF VNAYEQRFIG DQGAVNFSAP ANGDAMEIS
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	51,347 Da
Sequence Positions	1-469aa; 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 Q4WKH9
Species	Neosartorya fumigata (strain MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rvb2 recombinant protein	MBS1282060 is a recombinant protein targeting rvb2. Also known as Recombinant Neosartorya fumigata RuvB-like helicase 2 (rvb2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rvb2 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 rvb2. It may not necessarily be applicable to this product.

NCBI GI #	70990284
NCBI GeneID	3507931
NCBI Accession #	XP_749991.1

UniProt Primary Accession #	Q4WKH9
UniProt Related Accession #	Q4WKH9
GenBank Nucleotide #	XM_744898.1
NCBI Official Full Name	AAA family ATPase Rvb2/Reptin
NCBI Official Symbol	AFUA_1G02410
UniProt Protein Name	RuvB-like helicase 2
Protein Family	RuvB-like helicase
UniProt Gene Name	rvb2
UniProt Synonym Gene Names	AFUA_1G02410
UniProt Entry Name	RUVB2_ASPFU
NCBI Protein Information	AAA family ATPase Rvb2/Reptin
UniProt Comments for rvb2	DNA helicase which participates in several chromatin remodeling complexes, including the SWR1 and the INO80 complexes. The SWR1 complex mediates the ATP-dependent exchange of histone H2A for the H2A variant HZT1 leading to transcriptional regulation of selected genes by chromatin remodeling. The INO80 complex remodels chromatin by shifting nucleosomes and is involved in DNA repair. Also involved in pre-rRNA processing ().
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/ruvb-like-helicase-2-rvb2/1282060