ATP-Dependent RNA Helicase SUB2 (SUB2) Yarrowia Lipolytica Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase SUB2 (SUB2), Recombinant Protein
Full Product Name	Recombinant Yarrowia lipolytica ATP-dependent RNA helicase SUB2 (SUB2)
Product Gene Name	SUB2 recombinant protein
Product Synonym Gene Name	SUB2
Sequence	MSHEGEEELL DYSDSEEIAL PSTTVESGSN GDAKAETTTV KEENTEQKGS YVGIHSTGFR DFLLKPELLR AIVDCGFEHP SEVQQVCIPQ SILGTDVLCQ AKAGVGKTAV FVLSTLQQLE PVPGECSVVV LCHTRELAYQ IMNEYARFSK YLPDVKTAVF YGGSPIQKDI ELIQNKETSP HVIVATPGRL HALVRDKHLR LGNVKTFVID ECDKVLDQID MRRDVQEIFR VTPRQKQVMM FSATLSQEIR PICKKFMSSP LEILVDDEGK LTLHGLQQYY VDVEEKSKNR KLGDLLDNLE FNQVIIFVKS TSRANGLSQV LNANGFPCTA VHSGIPQEER IARYKEFKEF KKRICVSTDV FGRGIDIERI NLAINYDLPA EADQYLHRVG RAGRFGTKGL AISFVSTPED KEVLAKIQER FEVNIAPYPA EGVDPSTYMN S
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	49,381 Da
Sequence Positions	1-441, Full length
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 Q6CH90
Species	Yarrowia lipolytica (strain CLIB 122 / E 150) (Yeast) (Candida lipolytica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SUB2 recombinant protein	MBS1342818 is a recombinant protein targeting SUB2. Also known as Recombinant Yarrowia lipolytica ATP-dependent RNA helicase SUB2 (SUB2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SUB2 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 SUB2. It may not necessarily be applicable to this product.

NCBI GI #	210075100
NCBI GeneID	2905851
NCBI Accession #	XP_499972.2
UniProt Primary Accession #	Q6CH90

UniProt Secondary Accession #	Q6CH89
UniProt Related Accession #	Q6CH90
GenBank Nucleotide #	XM_499972.2
NCBI Official Full Name	YALI0A11157p
NCBI Official Symbol	YALI0_A11157g
UniProt Protein Name	ATP-dependent RNA helicase SUB2
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	SUB2
NCBI Protein Information	YALI0A11157p
UniProt Comments for SUB2	ATP-binding RNA helicase involved in transcription elongation and required for the export of mRNA out of the nucleus. SUB2 plays also a role in pre-mRNA splicing and spliceosome assembly. May be involved in rDNA and telomeric silencing, and maintenance of genome integrity ().
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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