Mediator of RNA Polymerase II Transcription Subunit 21 (SRB7) Phaeosphaeria Nodorum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mediator of RNA polymerase II transcription subunit 21 (SRB7), Recombinant Protein
Full Product Name	Recombinant Phaeosphaeria nodorum Mediator of RNA polymerase II transcription subunit 21 (SRB7)
Product Gene Name	SRB7 recombinant protein
Product Synonym Gene Name	SRB7; MED21; SNOG_13415
Product Synonym Names	Mediator of RNA polymerase II transcription subunit 21; Mediator complex subunit 21
Sequence	MSDKLTQIQD ELDALLNMMQ RQIAHIVLQA PPSVPPGQHR VDTMPEIKGK AASENPQSNP PQPAEPPVPE KISPEQFNQD LKEFSRDIVV KQQQVELLIA SLPGLNVSEE QQVARMKELE KELEGLEDER AQAVREKEVL LKKVEDKIMS VGRSR
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	17,476 Da
Sequence Positions	1-155aa; 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 Q0U499
Species	Phaeosphaeria nodorum (strain SN15 / MYA-4574 / FGSC 10173) (Glume blotch fungus) (Septoria nodorum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SRB7 recombinant protein	MBS1438108 is a recombinant protein targeting SRB7. Also known as Recombinant Phaeosphaeria nodorum Mediator of RNA polymerase II transcription subunit 21 (SRB7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SRB7 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 SRB7. It may not necessarily be applicable to this product.

NCBI GI #	169620431
NCBI GeneID	5980544
NCBI Accession #	XP_001803627.1

UniProt Primary Accession #	Q0U499
GenBank Nucleotide #	XM_001803575.1
NCBI Official Full Name	hypothetical protein SNOG_13415
NCBI Official Symbol	SNOG_13415
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 21
UniProt Synonym Protein Names	Mediator complex subunit 21
UniProt Gene Name	SRB7
UniProt Synonym Gene Names	MED21
UniProt Entry Name	MED21_PHANO
NCBI Protein Information	hypothetical protein
UniProt Comments for SRB7	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors ().
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