Mediator of RNA Polymerase II Transcription Subunit 7 (med7) Neosartorya Fumigata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mediator of RNA polymerase II transcription subunit 7 (med7), Recombinant Protein
Full Product Name	Recombinant Neosartorya fumigata Mediator of RNA polymerase II transcription subunit 7 (med7)
Product Gene Name	med7 recombinant protein
Product Synonym Gene Name	med7; AFUA_6G10020
Product Synonym Names	Mediator of RNA polymerase II transcription subunit 7; Mediator complex subunit 7
Sequence	MAEAGKPRPL TAFAPPPPLW KHFTQDNLKR LEDIKKEASK GEDGKPRKKK WTPAELRALQ LPPELRFLVP PEIPKSGQYS VFGELQSLST TLPSLQEQGI EQLYPSTPTE TDPDKPSQPS RPFNHAYYLL KISKSLLLNF LEFVGILSIA PEQFQSKVED LRNLFINAHH LLNLYRPHQA RESLIMMMEE QLNRSREEIQ QMDKMHAEIN GFLEQLKAQG IDIDSASKSR EDVTAKRATG DQDANNANSS RLVWDILDGT D
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	29,681 Da
Sequence Positions	1-261aa; 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 Q4WMG1
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 med7 recombinant protein	MBS1417560 is a recombinant protein targeting med7. Also known as Recombinant Neosartorya fumigata Mediator of RNA polymerase II transcription subunit 7 (med7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of med7 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 med7. It may not necessarily be applicable to this product.

NCBI GI #	70992085
NCBI GeneID	3508196
NCBI Accession #	XP_750891.1

UniProt Primary Accession #	Q4WMG1
UniProt Related Accession #	Q4WMG1
GenBank Nucleotide #	XM_745798.1
NCBI Official Full Name	RNA polymerase II mediator complex protein (Med7)
NCBI Official Symbol	AFUA_6G10020
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 7
UniProt Synonym Protein Names	Mediator complex subunit 7
Protein Family	Putative mediator of RNA polymerase II transcription
UniProt Gene Name	med7
UniProt Entry Name	MED7_ASPFU
NCBI Protein Information	RNA polymerase II mediator complex protein (Med7), putative
UniProt Comments for med7	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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