Mediator of RNA Polymerase II Transcription Subunit 8 (med8) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mediator of RNA polymerase II transcription subunit 8 (med8), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Mediator of RNA polymerase II transcription subunit 8 (med8)
Product Gene Name	med8 recombinant protein
Sequence	MEDISTEKTV ESLEAIRHRI AQIVQSLTHF LAILHQSESL SPWPTIHKNF NILLSQIHSL SNNLAAHSHT LQTTSIYPSL EFPVKEQEPL LTTLLRTKAL PEVEEWEANT LQEYEASISS QPKKKEANDA YQKDQLWDQA RIIFMEEREN YSWFDFVTRR QESEGEFVSQ RQLEIDRATE EQNANQMLTD ILSFMKSGKR
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	23,333 Da
Sequence Positions	1-200, 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 O94646
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for med8 recombinant protein	MBS1162901 is a recombinant protein targeting med8. Also known as Recombinant Schizosaccharomyces pombe Mediator of RNA polymerase II transcription subunit 8 (med8). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of med8 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 med8. It may not necessarily be applicable to this product.

NCBI GI #	19113130
NCBI GeneID	2540761
NCBI Accession #	NP_596338.1
UniProt Primary Accession #	O94646
GenBank Nucleotide #	NM_001022259.2

NCBI Official Full Name	mediator complex subunit Med8
NCBI Official Symbol	med8
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 8
UniProt Synonym Protein Names	Cell separation protein sep15; Mediator complex subunit 8
Protein Family	Mediator of RNA polymerase II transcription
UniProt Gene Name	med8
UniProt Synonym Gene Names	sep15
NCBI Protein Information	mediator complex subunit Med8
UniProt Comments for med8	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.
Research Articles on med8	**1.** Med8 mediator subunit is involved in transmitting regulatory information from Ace2 to RNA polymerase II via Rpb4.
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