Mediator of RNA Polymerase II Transcription Subunit 20 (MED20) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mediator of RNA polymerase II transcription subunit 20 (Med20), Recombinant Protein
Full Product Name	Recombinant Rat Mediator of RNA polymerase II transcription subunit 20 (Med20)
Product Gene Name	Med20 recombinant protein
Product Synonym Gene Name	Med20
Sequence	MGVTCVSQMP VAEGKSVQQT VELLTKKLEM LGAEKQGTFC VDCETYHTAA STLGSQGQAG KLMYVMHNSE YPLSCFALFE NGPCLIADTN FDVLMVKLKG FFQSAKASKI ETRGTRYQYC DFLVKVGTVT MGPSARGISV EVEYGPCVVA SDCWSLLLEF LQSFLGSHTP GAPTVFGNRH DAVYGPADTM VQYMELFNKV RKQQQVPVAG IR
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	23,180 Da
Sequence Positions	1-212, 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 Q5XIE9
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Med20 recombinant protein	MBS1454313 is a recombinant protein targeting Med20. Also known as Recombinant Rat Mediator of RNA polymerase II transcription subunit 20 (Med20). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Med20 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 Med20. It may not necessarily be applicable to this product.

NCBI GI #	61557196
NCBI GeneID	316209
NCBI Accession #	NP_001013196.1
UniProt Primary Accession #	Q5XIE9
UniProt Related Accession #	Q5XIE9
GenBank Nucleotide #	NM_001013178.2

NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 20 isoform 1
NCBI Official Synonym Full Names	mediator complex subunit 20
NCBI Official Symbol	Med20
NCBI Official Synonym Symbols	Trfp; Usp49
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 20
UniProt Synonym Protein Names	Mediator complex subunit 20; TRF-proximal protein homolog
Protein Family	Putative mediator of RNA polymerase II transcription
UniProt Gene Name	Med20
UniProt Synonym Gene Names	Trfp
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 20
UniProt Comments for Med20	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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