Transcription-Repair-Coupling Factor (mfd) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription-repair-coupling factor (mfd), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Transcription-repair-coupling factor (mfd), partial
Product Gene Name	mfd recombinant protein
Product Synonym Gene Name	mfd
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	134,219 Da
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 Q2G0R8
Species	Staphylococcus aureus (strain 8325)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mfd recombinant protein	MBS1335460 is a recombinant protein targeting mfd. Also known as Recombinant Staphylococcus aureus Transcription-repair-coupling factor (mfd), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mfd 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 mfd. It may not necessarily be applicable to this product.

NCBI GI #	446076373
NCBI GeneID	3920336
NCBI Accession #	WP_000154228.1
UniProt Primary Accession #	Q2G0R8
UniProt Related Accession #	Q2G0R8
GenBank Nucleotide #	WP_000154228.1
NCBI Official Full Name	MULTISPECIES: transcription-repair coupling factor
NCBI Official Symbol	SAOUHSC_00477
UniProt Protein Name	Transcription-repair-coupling factor

Protein Family	Transcription-repair-coupling factor
UniProt Gene Name	mfd
UniProt Synonym Gene Names	TRCF
NCBI Protein Information	transcription-repair coupling factor
UniProt Comments for mfd	Couples transcription and DNA repair by recognizing RNA polymerase (RNAP) stalled at DNA lesions. Mediates ATP-dependent release of RNAP and its truncated transcript from the DNA, and recruitment of nucleotide excision repair machinery to the damaged site.
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