Probable RNA Polymerase Sigma-D Factor (sigD) Mycobacterium Tuberculosis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable RNA polymerase sigma-D factor (sigD), Recombinant Protein
Full Product Name	Recombinant Mycobacterium tuberculosis Probable RNA polymerase sigma-D factor (sigD)
Product Gene Name	sigD recombinant protein
Sequence	MVDPGVSPGC VRFVTLEISP SMTMQGERLD AVVAEAVAGD RNALREVLET IRPIVVRYCR ARVGTVERSG LSADDVAQEV CLATITALPR YRDRGRPFLA FLYGIAAHKV ADAHRAAGRD RAYPAETLPE RWSADAGPEQ MAIEADSVTR MNELLEILPA KQREILILRV VVGLSAEETA AAVGSTTGAV RVAQHRALQR LKDEIVAAGD YA
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.
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 P66811
Species	Mycobacterium tuberculosis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sigD recombinant protein	MBS1230760 is a recombinant protein targeting sigD. Also known as Recombinant Mycobacterium tuberculosis Probable RNA polymerase sigma-D factor (sigD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sigD 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 sigD. It may not necessarily be applicable to this product.

NCBI GI #	54042216
NCBI GeneID	887594
NCBI Accession #	P66811.1
UniProt Primary Accession #	P66811
UniProt Related Accession #	P9WGG9
NCBI Official Symbol	sigD
Protein Family	ECF RNA polymerase sigma factor

NCBI Protein Information	ECF RNA polymerase sigma factor SigD
Research Articles on sigD	**1.** Crystal structure of the Mycobacterium tuberculosis RsdA protein in complex with the -35 promoter region binding site.
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