DNA-Directed RNA Polymerase Subunit D (rpoD) Sulfolobus Islandicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA-directed RNA polymerase subunit D (rpoD), Recombinant Protein
Full Product Name	Recombinant Sulfolobus islandicus DNA-directed RNA polymerase subunit D (rpoD)
Product Gene Name	rpoD recombinant protein
Sequence	MSINLLHKDD KRIDLVFEGY PLEFVNAIRR AAMLYVPVMS IDDVYFIENN SPLYDEILAH RLALIPFTSE EALDTYRWPE ECIECTENCE KCYTKIYIEA EALNEPKMLY SKDIKSEDPS IVPISGDIPI VLLGANQKIS LEARLRLGYG KEHAKFIPVS LAIVRYYPKV EILGNCEKAA TVCPEGVFEL KDGKLSVKNE LACTLCEECL RYCNGLIRIS SIEDKYILEL ESVGSLKPER ILLEAGKSII RKIEELEKKL VEVIK
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	30,184 Da
Sequence Positions	1-265, 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 C4KJ93
Species	Sulfolobus islandicus (strain M.16.4 / Kamchatka #3)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpoD recombinant protein	MBS1237776 is a recombinant protein targeting rpoD. Also known as Recombinant Sulfolobus islandicus DNA-directed RNA polymerase subunit D (rpoD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpoD 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 rpoD. It may not necessarily be applicable to this product.

NCBI GI #	502110198
NCBI Accession #	WP_012712015.1
UniProt Primary Accession #	C4KJ93
GenBank Nucleotide #	WP_012712015.1
NCBI Official Full Name	DNA-directed RNA polymerase subunit D

UniProt Protein Name	DNA-directed RNA polymerase subunit D
Protein Family	DNA-directed RNA polymerase
UniProt Gene Name	rpoD
UniProt Comments for rpoD	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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