DNA-Directed RNA Polymerase Subunit Alpha (rpoA) Coxiella Burnetii Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA-directed RNA polymerase subunit alpha (rpoA), Recombinant Protein
Full Product Name	Recombinant Coxiella burnetii DNA-directed RNA polymerase subunit alpha (rpoA)
Product Gene Name	rpoA recombinant protein
Sequence	MQNVLKSFLT PKNIQVQTIS PCHFRILLEP LERGFGHTLG NALRRILLSS MPGAAIVQAE IDGVLHEYSS IEGVREDVVD VLLNLKGVAI KLEGREDAKL TLHKKGAGTV TAGDIQTESG VKIVNPDHVI AHITKDGEIN MTLKAAMGRG YEPSSARSTG DQSRSVGLLL LDASYSPIRR VTYSVENARV EKRTDLDKLI IDLETDGTLD PEEAIRFAAA VLQHQLAAFV DLKQESDRDG GGKEGKVNPL LLRPVEDLEL TVRAANCLKA ESINYIGDLV QCTENDLLKT PNLGKKSLLE IKSVLAQKGL SLGMDLKGWP PADLTDQ
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	35,556 Da
Sequence Positions	1-327, 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 B6J5F7
Species	Coxiella burnetii (strain CbuK_Q154) (Coxiella burnetii (strain Q154))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpoA recombinant protein	MBS1226012 is a recombinant protein targeting rpoA. Also known as Recombinant Coxiella burnetii DNA-directed RNA polymerase subunit alpha (rpoA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpoA 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 rpoA. It may not necessarily be applicable to this product.

NCBI GI #	492179121
NCBI GeneID	1208144
NCBI Accession #	WP_005771496.1
UniProt Primary Accession #	B6J5F7
UniProt Related Accession #	Q83EQ2

GenBank Nucleotide #	WP_005771496.1
NCBI Official Full Name	DNA-directed RNA polymerase subunit alpha
NCBI Official Symbol	rpoA
UniProt Protein Name	DNA-directed RNA polymerase subunit alpha
UniProt Synonym Protein Names	RNA polymerase subunit alpha
Protein Family	DNA-directed RNA polymerase
UniProt Gene Name	rpoA
UniProt Synonym Gene Names	RNAP subunit alpha
NCBI Protein Information	DNA-directed RNA polymerase subunit alpha
UniProt Comments for rpoA	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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