DNA-Directed RNA Polymerase I Subunit Rpa49 (polr1e) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA-directed RNA polymerase I subunit rpa49 (polr1e), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum DNA-directed RNA polymerase I subunit rpa49 (polr1e)
Product Gene Name	polr1e recombinant protein
Product Synonym Gene Name	polr1e
Sequence	MSNLTVNVIE EKNLGDNKPC VLKFSQGLPP LSFIEKEPEF ISMSTKNKRH RVVLTNTDQL EYESEDKDSK YAKYAIGIFD KNTKQLKIVP TKIQTMNQSV IGYTLTLDSS SVISREERYD KIKKLADSFG SKITKKKMQK MEMENVENLD YEKTTKSIDA VKNELADIES NEKPFDLPDF DAETNDVRKI YNIEAILPPR IFFGLNHQPF LDIISKTSEA PSYLPEYFKD QLKRFEDIKD EEKVVYNCKL LTFMWYSMIL MKSKGGHEPL IKEGCTSEVI NFLVSIFGSK INHKKYNISQ DDKLKIYNYL AIFALKLEDF QITDIKSLAQ SLSLTSSSFE KHFTRVGCKV VRIGSEKRSV RLEAPLKLPK ARFSN
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	43,251 Da
Sequence Positions	1-375, 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 Q54FE8
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for polr1e recombinant protein	MBS1350513 is a recombinant protein targeting polr1e. Also known as Recombinant Dictyostelium discoideum DNA-directed RNA polymerase I subunit rpa49 (polr1e). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of polr1e 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 polr1e. It may not necessarily be applicable to this product.

NCBI GI #	66803262
NCBI GeneID	8627890
NCBI Accession #	XP_635474.1

UniProt Primary Accession #	Q54FE8
GenBank Nucleotide #	XM_630382.1
NCBI Official Full Name	hypothetical protein DDB_G0290909
NCBI Official Symbol	rpa49
UniProt Protein Name	DNA-directed RNA polymerase I subunit rpa49
UniProt Synonym Protein Names	DNA-directed RNA polymerase I subunit E
UniProt Gene Name	polr1e
UniProt Synonym Gene Names	rpa49; RNA polymerase I subunit A49
NCBI Protein Information	hypothetical protein
UniProt Comments for polr1e	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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