DNA Polymerase Epsilon Catalytic Subunit A (POL2), Partial (POL2) Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA polymerase epsilon catalytic subunit A (POL2), partial, Recombinant Protein
Full Product Name	Recombinant Cryptococcus neoformans var. neoformans serotype D DNA polymerase epsilon catalytic subunit A (POL2), partial
Product Gene Name	POL2 recombinant protein
Product Synonym Gene Name	POL2; CNK01430
Product Synonym Names	DNA polymerase epsilon catalytic subunit A; EC=2.7.7.7; DNA polymerase II subunit A
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	255,999 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 P0CN26
Species	Cryptococcus neoformans var. neoformans serotype D (strain JEC21 / MYA-565) (Filobasidiella neoformans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for POL2 recombinant protein	MBS1253557 is a recombinant protein targeting POL2. Also known as Recombinant Cryptococcus neoformans var. neoformans serotype D DNA polymerase epsilon catalytic subunit A (POL2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of POL2 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 POL2. It may not necessarily be applicable to this product.

NCBI GI #	58260822
NCBI GeneID	3254656
NCBI Accession #	XP_567821.1
UniProt Primary Accession #	P0CN26
UniProt Secondary Accession #	Q55JX3; Q5K9M7
UniProt Related Accession #	P0CN26
GenBank Nucleotide #	XM_567821.1

NCBI Official Full Name	DNA polymerase epsilon, catalytic subunit a
NCBI Official Symbol	CNK01430
UniProt Protein Name	DNA polymerase epsilon catalytic subunit A
UniProt Synonym Protein Names	DNA polymerase II subunit A
UniProt Gene Name	POL2
UniProt Entry Name	DPOE_CRYNJ
NCBI Protein Information	DNA polymerase epsilon, catalytic subunit a
UniProt Comments for POL2	DNA polymerase II participates in chromosomal DNA replication.
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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