

DNA polymerase II large subunit (polC), partial Recombinant Protein | polC recombinant protein

Recombinant Cenarchaeum symbiosum DNA polymerase II large subunit (polC), partial

CATALOG # AAA115260	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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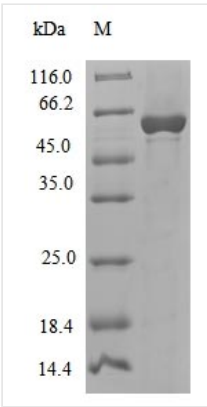
PRODUCT SYNONYMS

DNA polymerase II large subunit (polC); partial; Recombinant Cenarchaeum symbiosum DNA polymerase II large subunit (polC); DNA polymerase II large subunit; Pol II; EC=2.7.7.7; polC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	287-832aa; Partial
Sequence	LAELKGAVQT GENKEDAAK RMREVITGRS VLSMPNRLGG FRLRYGRACN TGYSVGFHP AVAEILDHTI AVGTQVKIDI PGKGATVAFV DTIEAPTURL AGGDVVKIRD VAHGIELKGS IERILHLGDM LISFGDFLEN NAQLVPSGYV EEIWKMDMEA AGAAQGSPSS ADEAVRISRE LGVPLHPRYL YYWDQISHEE LAMLLSPLDK GDAISYPAC KPVLEKLGVP HKAGPEGPVL EGDEARIFRE LILDNPPGPD ASAPPELIS RSSGITIRDK FSTSIGVRIG RPEKAAPRQM RPPTHCLFPV GGTGGPTNNL LKSAARPGFS ADILSRRC PG CGEPSISIRC WACGERTAVE RTCMQCGTDV DGEECERCGR PGLAHSRVEF PLKKMLVSAQ EKTGVRAHDP LKGVKELAHQ DRIAEPLEKG LIRQSRSLTV FKDGTVRFDA TNSPMTHFKP SWIGTSAEKL RELGYETDVD GKKLEGPDQL VELRMQDIVI PLEGAKYLVS ACGYIDAELD KLYGAPPFYK VPDLGGLIGH LVVGLA
Sequence Length	832
Species	Cenarchaeum symbiosum (strain A)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for polC recombinant protein	Possesses two activities: a DNA synthesis (polymerase) and an exonucleolytic activity that degrades single-stranded DNA in the 3'- to 5'-direction. Has a template-primer preference which is characteristic of a replicative DNA polymerase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118576998
NCBI GeneID	6372007
NCBI Accession #	YP_876741.1
NCBI GenBank Nucleotide #	NC_014820.1
UniProt Accession #	A0RYM0
Molecular Weight	59 kDa
NCBI Official Full Name	archaeal DNA polymerase II, large subunit
NCBI Official Symbol	CENSYa_1827
NCBI Protein Information	archaeal DNA polymerase II, large subunit
UniProt Protein Name	DNA polymerase II large subunit
UniProt Gene Name	polC
UniProt Synonym Gene Names	Pol II
UniProt Entry Name	DP2L_CENSY

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.