



# Recombinant Escherichia coli DNA polymerase II (polB)

<b>Product Code</b>	CSB-MP321908ENV
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P21189
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AQAGFILTR HWRDTPQGTE VSFWLATDNG PLQVTLAPQE SVAFIPADQV PRAQHILQGE QGFRLTPLAL KDFHRQPVYG LYCRAHRQLM NYEKRLREGG VTVYEADV RP PERYLMERFI TSPVWVEGDM HNGTIVNARL KPHPDYRPPL KWVSI DIETT RHGELYCIGL EGCGQRIVYM LGPENG DASS LDFELEYVAS RPQLLEKLNA WFANYDPDVI IGWNVVQFDL RMLQKHAERY RLPLRLGRDN SELEWREHGF KNGVFFAQAK GRLIIDGIEA LKSAFWNFSS FSLETVAQEL LGEGKSIDNP WDRMDEIDRR FAEDKPALAT YNLKDCELV T QIFHKTEIMP FLLERATVNG LPVDRHGGSV AAFGHLYFPR MHRAGYVAPN LGEVPPHASP GGYVMDSRPG LYDSVLVLDY KSLYPSIIRT FLIDPVGLVE GMAQPDP EHS TEGFLDAWFS REKHCLPEIV TNIWHGRDEA KRQGNKPLSQ ALKIIMNAFY GVLGTTACRF FDPRLASSIT MRGHQIMRQT KALIEAQQGYD VIYGDT DSTF VWLKG AHSEE EAAKIGRALV QHVNAWVAET LQKQRLTSAL ELEYETHFCR FLMP TIRGAD TGSKKRYAGL IQEGDKQRMV FKGLETVRTD WTPLAQQFQQ ELYLRIFRNE PYQEYVRETI DKLMAGELDA RLVYRKRLRR PLSEYQRNVP PHVRAARLAD EENQKRGRPL QYQNRGTIKY VWT TNGPEPL DYQRSPLDYE HYLTRQLQPV AEGILPFIED NFATLMTGQL GLF
<b>Source</b>	Mammalian cell
<b>Target Names</b>	polB
<b>Protein Names</b>	Recommended name: DNA polymerase II Short name= Pol II EC= 2.7.7.7
<b>Expression Region</b>	2-783
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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