



Recombinant *Saccharomyces cerevisiae* DNA polymerase delta small subunit (POL31)

Product Code	CSB-EP341656SVG
Storage	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.
Uniprot No.	P46957
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MDALLTKFNE DRSLQDENLS QPRTRVRIVD DNLYNKSMPF QLCYKKRDYG SQYYHIYQYR LKTRFRERVLK ECDKRWDAGF TLNGQLVLKK DKVLDIQGNQ PCWCVGSIIYC EMKYKPNVLD EVINDTYGAP DLTKSYTDKE GGSDEIMLED ESGRVLLVGD FIRSTPFITG VVVGILGMEA EAGTFQVLDI CYPTPLPQNP FPAPIATCPT RGKIALVSGL NLNNTSPDRL LRLEILREFL MGRINNKIDD ISLIGRLLIC GNSVDFDIKS VNKDELMISL TEFSKFLHNI LPSISVDIMP GTNDPSDKSL PQQPFHKSFL DKSLESYFNG SNKEILNLVT NPYEFSYNGV DVLAVSGKNI NDICKYVIPS NDNGESENKV EEGESNDFKD DIEHRLDLME CTMKWQNIAP TAPDTLWCYP YTDKDPFVLD KWPHVYIVAN QPYFGTRVVE IGGKNIKIIS VPEFSSTGMI ILLDLETLEA ETVKIDI
Source	E.coli
Target Names	POL31
Protein Names	Recommended name: DNA polymerase delta small subunit EC= 2.7.7.7 Alternative name(s): Hydroxyurea-sensitive protein 2
Expression Region	1-487
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.
Shelf Life	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.