Recombinant Rat DNA polymerase beta (Polb)

Product Code	CSB-EP018302RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P06766
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MSKRKAPQET LNGGITDMLV ELANFEKNVS QAIHKYNAYR KAASVIAKYP HKIKSGAEAK KLPGVGTKIA EKIDEFLATG KLRKLEKIRQ DDTSSSINFL TRVTGIGPSA ARKLVDEGIK TLEDLRKNED KLNHHQRIGL KYFEDFEKRI PREEMLQMQD IVLNEVKKLD PEYIATVCGS FRRGAESSGD MDVLLTHPNF TSESSKQPKL LHRVVEQLQK VRFITDTLSK GETKFMGVCQ LPSENDENEY PHRRIDIRLI PKDQYYCGVL YFTGSDIFNK NMRAHALEKG FTINEYTIRP LGVTGVAGEP LPVDSEQDIF DYIQWRYREP KDRSE
Source	E.coli
Target Names	Polb
Protein Names	Recommended name: DNA polymerase beta EC= 2.7.7.7 EC= 4.2.99.-
Expression Region	1-335
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.