



Recombinant Rat DNA polymerase lambda (Poll)

Product Code	CSB-YP722490RA
Abbreviation	Poll
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.	Q5RKI3
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MDPQGILKAF PKRKKIHADP SSNALAKIPK REAGDARGWL SSLRAHIMPT GIGRARAELF EKQIIQHGGQ VCSAQAPGVT HIVVDEGMDY ERALRLLRLP QLPPGAQLVK SAWLSLCLQE KKLTDTDGFS LSSPKRSLNE PQPSKSGQDA SAPGTQGVLP RTTSLSPPC TRAVSPPPKA EKPPKTQTQL SSEDEASDGE GPQVSSADLQ ALISGHYPTP PGEDGGPDPA PEALGKWVCA QPSSQKATNY NLHITEKLEV LAKAYNVQGD KWRALGYAKA INALKSFHKP VSSYQEACSI PGVGRMAEK VMEILESGHL RKLDHISDSV PVLELFSNIW GAGTKTAQMW YHQGFRSLED IRGLASLTAQ QAIGLKHYDD FLDRMPREEA AEIEQMVRVS AQAFNPGLLC VACGSFRRGK VTCGDVDVLI THPDGRSHQG IFSPLLDLDR QQGFLTDDLQ SQEENGQQQK YLGVCRLPGA GQRHRRLDII VVPYSEFACA LLYFTGSAHF NRSMRALAKT KGMSLSEHAL SAAVVRNSQG VKVGAGQVLP TPTEKDVFKL LGLPYREPAE RDW
Source	Yeast
Target Names	Poll
Protein Names	Recommended name: DNA polymerase lambda Short name= Pol Lambda EC= 2.7.7.7 EC= 4.2.99.-
Expression Region	1-573
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.