



Recombinant Rat DNA polymerase alpha subunit B (Pola2)

Product Code	CSB-EP018301RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O89043
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	<p>MAVSTQQLAE ELQIFGLDCE DSLLKLAEL CTLYRQTEER MVSELIAFCT SAGKSCLTGE ILSSFEHEVL NKKLSKACHS ASKDNRHAGA RDIVSIQELI EAEETLL SAYTTPSKGP HKRVSSTPET PLTKRSISTR SPHQLLSPSS FSPSATPSQK YSSRTNRGEV VTTFGSAQGV SWSGRGGSGS ISLKMVGYPE PLTSSYKTMF QQLPDIREVL TCKIEELGSE LKEHYKIEAF TPLLVPAQEP VILLGQIGCD SNGRLNSKSV ILEGDREHSS GAQIPVDVSE LKDYSLFPGQ VVIMEGFNTT GRRLTATKLY EGVPLPFYQP TEEEGDFEQT MVLVACGPYT TSDSITYDPL LDLISTINH D RPDVCILFGP FLDKHEQVE NCKLTSPFED IFKQCLRTVI EGTRSSGSHL VFPVSLRDVH HEPVYPQPPF TFSELPREDK KRVQFVSEPC NLSINGVMFG LTSTDLLFHI GAEEICSSSG TSDRFSRILK HILTQRSYYP LYPPHEDMAI DYENFYTYAQ LPVTPDVFIV PSELRYFVKD IFGCVMNPG RLTKGQVGGT FGRLYLRRQP KGTDSEGRQG LSVAAQVVRI</p>
Source	E.coli
Target Names	Pola2
Protein Names	Recommended name: DNA polymerase alpha subunit B Alternative name(s): DNA polymerase alpha 70 kDa subunit DNA polymerase subunit II
Expression Region	1-600
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.