



# Recombinant Rat DNA polymerase alpha subunit B (Pola2)

<b>Product Code</b>	CSB-YP018301RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O89043
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAVSTQQLAE ELQIFGLDCE DSLLEKLAEL CTLYRQTEER MVSELIAFCT SAGKSCLTGE ILSSFEHEVL NKKLSKACHS ASKDNRHAGA RDIVSIQELI EAEEEEETLL SAYTTPSKGP HKRVSSTPET PLTKRSISTR SPHQLLSPSS FSPSATPSQK YSSRTNRGEV VTTFGSAQGV SWSGRGGSGS ISLKVMGYPE PLTSSYKTMF QQLPDIREVL TCKIEELGSE LKEHYKIEAF TPLLVPAQEP VILLGQIGCD SNGRLNSKSV ILEGDREHSS GAQIPVDVSE LKDYSLFPGQ VVIMEGFNTT GRRLTATKLY EGVPLPFYQP TEEEGDFEQT MVLVACGPYT TSDSITYDPL LDLISTINH D RPDVCILFGP FLDKHEQVE NCKLTSPFED IFKQCLRTVI EGTRSSGSHL VVPSLRDVH HEPVYPQPPF TSELPREDK KRVQFVSEPC NLSINGVMFG LTSTDLLFHI GAEEICSSSG TSDRFSRILK HILTQRSYYP LYPPHEDMAI DYENFYTYAQ LPVTPDVFIV PSELYFVKD IFGCVMNPG RLTKGQVGGT FGRLYLRRQP KGTDSEGRQG LSVAQVVR I
<b>Source</b>	Yeast
<b>Target Names</b>	Pola2
<b>Protein Names</b>	Recommended name: DNA polymerase alpha subunit B Alternative name(s): DNA polymerase alpha 70 kDa subunit DNA polymerase subunit II
<b>Expression Region</b>	1-600
<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 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.
<b>Shelf Life</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.