



Recombinant *Xenopus laevis* DNA polymerase delta subunit 2 (pold2)

Product Code	CSB-EP018304XBE-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O93610
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MFTDLAISGG PGLLTAPSEV QSTFTRVSNT QYSNCSSIFR LGERTFTRQY AHIYATRLEQ MRPLLIKSAK QRWGDDIAVR KLCELQGGEK CCVIGTLFKS MELQPSILRE ISEEHNLLPQ PARQKYISDS DELILEDELQ RIKLEGATDV QQLVTGAVLA VLGAEEDAGK FVVEDFCLTS LPVQSPLPRL SEDRFVLLTS GLGLGGGSGD SLMGLQLLLD LVTGQAGAE DQGCAARISR VILAGNLLSE NTQGKDSL NK AKYLSKKTQA ASVEAVKMLD EILLQMSGSV SVDVMPGAFD PTNYILPQQP LHRCMFPQSA LYSTLQLVTN PYEAEIDGVR FLGTSGQNIG DIYKYSSMQD YLDILEWTLQ VGHLCPTAPD TLGCYPFYKS DPFILQNCPH VYFCGSAPKF SCKEVTGAEG QRVLLLTVPE FCSTQTACL V NLRTLQCQPI SFSFGFGADDE LGD
Source	E.coli
Target Names	pold2
Protein Names	Recommended name: DNA polymerase delta subunit 2 EC= 2.7.7.7 Alternative name(s): XICdc1
Expression Region	1-463
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.