



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

<b>Product Code</b>	CSB-BP018304XBE
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O93610
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Xenopus laevis</i> (African clawed frog)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 SFSGFGADDE LGD
<b>Source</b>	Baculovirus
<b>Target Names</b>	pold2
<b>Protein Names</b>	Recommended name: DNA polymerase delta subunit 2 EC= 2.7.7.7 Alternative name(s): XICdc1
<b>Expression Region</b>	1-463
<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.