



Recombinant *Xenopus laevis* Cyclin-dependent kinase 2 (cdk2)

Product Code	CSB-BP005061XBE
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23437
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MENFQKVEKI GEGTYGVVYK ARNRETGEIV ALKKIRLDTE TEGVPSTAIR EISLLKELNH PNIVKLLDVI HTENKLYLVF EFLNQDLKKF MDGSNISGIS LALVKSYLEFQ LLQGLAFCHS HRVLHRDLKP QNLLINSDGA IKLADFGLAR AFGVPVRTFT HEVVTLWYRA PEILLGCKFY STAVDIWSLG CIFAEMITRR ALFPGDSEID QLFRIERTLG TPDEVSWPGV TTMPDYKSTF PKWIRQDFSK VVPPLDEDGR DLLAQMLQYD SNKRISAKVA LTHPFFRDVS RPTPHLI
Source	Baculovirus
Target Names	cdk2
Protein Names	Recommended name: Cyclin-dependent kinase 2 EC= 2.7.11.22 Alternative name(s): CDC2 homolog Eg1 protein kinase Cell division protein kinase 2
Expression Region	1-297
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.