



Recombinant *Xenopus laevis* Cyclin-dependent kinase 7 (cdk7)

Product Code	CSB-EP005075XBE-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P20911
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	≥85% (SDS-PAGE)
Sequence	MEGIAARGVD VRSRAKQYEK LDFLGEGQFA TVYKARDKNT DRIVAIAKKIK LGHRAEANDG INRTALREIK LLQELSHPN IGLLDAFGHK SNISLVDFM ETDLEVIKD TSLVLTPAHI KSYMLMTLQG LEYLHHLWIL HRDLKPNLL LDENGVLKLA DFGLAKSFGS PNRIYTHQVV TRWYRSPELL FGARMYGVGV DMWAVGCILA ELLLRVPFLP GSDLDLQLTR IFETLGTPTE EQWPGMSSLP DYVAFKSFPG TPLHLIFIAA GDDLLELLQG LFTFNPCARC TASQALRKRY FSNRPAPTPG NLLPRPNCSI EALKEQQNLN LGIKRRKRTG MDQKDIKKL SF
Source	E.coli
Target Names	cdk7
Protein Names	Recommended name: Cyclin-dependent kinase 7 EC= 2.7.11.22 EC= 2.7.11.23 Alternative name(s): 40 kDa protein kinase CDC2/CDK2,4-activating kinase Cell division protein kinase 7 P40 MO15
Expression Region	1-352
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.