



Recombinant *Xenopus laevis* Calcium/calmodulin-dependent protein kinase type II delta chain (camk2d)

Product Code	CSB-EP861635XBE-B
Abbreviation	camk2d
Storage	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.
Uniprot No.	Q9DG02
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MASTTCTRFT DEYQLFEELG KGAFSVVRRRC IKINIGQEYA AKIINTKKLS ARDHQKLERE AKICRLLKHP NIVRLHDSIS EEGFHYLVFD LVTGGELFED IVAREYYSEA DASHCIQQIL ESVNHCHLNG IVHRDLKPEN LLLASKLKGA AVKLADFGLA IEVQGDQQAW FGFAGTPGYL SPEVLRKDPY GKPVDMWACG VILYILLVGY PPFWDEDQHR LYQQIKAGAY DFPSPWDTV TPEAKDLINK MLTINPAKRI NATEALRHPW ICQRSTVASM MHRQETVDCL KKFNARRKLLK GAILTTMLAT RNFSAKSLLK KPDGVKESTE SSNTTIEDDED VKARKQEIIK VTEQLIEAIN NGDFEAYTKI CDPGLTSFEP EALGNLVEGM DFHRFYFENA LSKSNKPVHT IILNPHVHLI GEDAACIAYI RLTQYLDSAG MPKTMQSEET RVWHRRDGKW QNVHFHRSGS PTIPN
Source	E.coli
Target Names	camk2d
Protein Names	Recommended name: Calcium/calmodulin-dependent protein kinase type II delta chain Short name= CaM kinase II subunit delta Short name= CaM-kinase II delta chain Short name= CaMK-II subunit delta EC= 2.7.11.17
Expression Region	1-475
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

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