



Recombinant Rat Calcium/calmodulin-dependent protein kinase type II subunit delta (Camk2d)

Product Code	CSB-EP004467RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15791
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	<p>ASTTTCTRF TDEYQLFEEL GKGAFSVVRR CMKIPTGQEY AAKIINTKKL SARDHQKLER EARICRLLKH PNIVRLHDSI SEEGFHLYLVF DLVTGGELFE DIVAREYYSE ADASHCIQQI LESVNHCHLN GIVHRDLKPE NLLLASKSKG AAVKLADFGL AIEVQGDQQA WFGFAGTPGY LSPEVLRKDP YGKPVDMWAC GVILYILLVG YPPFWDEDQH RLYQQIKAGA YDFPSPEWDT VTPEAKDLIN KMLTINPAKR ITASEALKHP WICQRSTVAS MMHRQETVDC LKKFNARRKL KGAILTTMLA TRNFSAAKSL LKKPDGVKIN NKANVVTSPK ENIPTPALEP QTTVIHNPDG NKESTESSNT TIEDEDVKAR KQEIIKVTEQ LIEAINNGDF EAYTKICDPG LTAFEPEALG NLVEGMDFHR FYFENALPKI NKPIHTIILN PHVHLVGDDA ACIAYIRLTQ YMDGNGMPKT MQSEETRVWH RRDGKWQNIH FHRSGSPTVP IKPPCIPNGK ENFSGGTSW QNI</p>
Source	E.coli
Target Names	Camk2d
Protein Names	Recommended name: Calcium/calmodulin-dependent protein kinase type II subunit delta Short name= CaM kinase II subunit delta Short name= CaMK-II subunit delta EC= 2.7.11.17
Expression Region	2-533
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 of Mature 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.