



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

<b>Product Code</b>	CSB-EP004467RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P15791
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<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>
<b>Source</b>	E.coli
<b>Target Names</b>	Camk2d
<b>Protein Names</b>	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
<b>Expression Region</b>	2-533
<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 of Mature 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.