



# Recombinant Rat Protein kinase C iota type (Prkci)

<b>Product Code</b>	CSB-EP018707RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	F1M7Y5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	PTQRDSSTM SHTVACGGGG DSHQVRVKA YYRGDIMITH FEPSISFEG CSEVRDMCSF DNEQPFTMKW IDEEGDPCTV SSQLELEEF RLYELNKDSE LLIHVFPCVP ERPGMPCPGE DKSIIYRRGAR RWRKLYCANG HTFQAKRFNR RAHCAICTDR IWGLGRQGYK CINCKLLVHK KCHKLVITIEC GRHSLPPEPM MPMDQSSMHP DHTQTVIPYN PSSHESLDQV GEEKEAMNTR ESGKASSSLG LQDFDLLRVI GRGSYAKVLL VRLKKTDRYI AMKVVKELV NDDDEDWVQ TEKHVFEQAS NHPFLVGLHS CFQTESRLFF VIEYVNGGDL MFHMQRQRKL PEEHARFYSA EISLALNYLH ERGIIYRDLK LDNVLLDSEG HIKLTDY GMC KEGLRPGDTT STFCGTPNYI APEILRGEDY GFSVDWWALG VLMFEMMAGR SPFDIVGSSD NPDQNTEDYL FQVILEKQIR IPRSLSVKAA SVLKSFLNKD PKERLGCHPQ TGFADIQGHF FFRNVDWDMM EQKQVPPPFK PNISGEFGLD NFDSQFTNEP VQLTPDDDDI VRKIDQSEFE GFEYINPLLM SAEECV
<b>Source</b>	E.coli
<b>Target Names</b>	Prkci
<b>Protein Names</b>	Recommended name: Protein kinase C iota type EC= 2.7.11.13 Alternative name(s): Atypical protein kinase C-lambda/iota Short name= aPKC-lambda/iota nPKC-iota
<b>Expression Region</b>	2-596
<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.