



Recombinant Rat 3-phosphoinositide-dependent protein kinase 1 (Pdpk1)

Product Code	CSB-EP017738RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O55173
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MARTTSQLYD AVPIQSSVVL CSCPSPSMVR SQTEPSSSPG IPSGVSRQGS TMDGTTAEAR PSTNPLQQHP AQLPPQPRKK RPEDFKFGKI LGEFSFSTVV LARELATSRE YAIKILEKRH IIKENKVPYV TRERDVMSRL DHPFFVKLYF TFQDDEKLYF GLSYAKNGEL LKYIRKIGSF DETCTRFYTA EIVSALEYLH GKGIHRDLK PENILLNEDM HIQITDFGTA KVLSPDSKQA RANSFVGTAQ YVSPELLTEK SACKSSDLWA LGCIYQLVA GLPPFRAGNE YLIFQKIIKL EYDFPEKFFP KARDLVEKLL VLDATKRLGC EEMEGYGPLK AHPFFESITW ENLHQQTTPK LTAYLPAMSE DEDDCYGNVD NLLSQFGCMQ VSSSSSSSHSL SAVDASLPQR SGSNIEQYIH DLDTNSFELD LQFSEDEKRL LLEKQAGGNP WHQFVENNLI LKMGPVDKRK GLFARRRQLL LTEGPHLYYV DPNKVLKGE IPWSQELRPE AKNFKTFFVH TPNRTYYLMD PSGNAHKWCR KIQEVWRQQY QSSPDAAVQ
Source	E.coli
Target Names	Pdpk1
Protein Names	Recommended name: 3-phosphoinositide-dependent protein kinase 1 EC= 2.7.11.1 Alternative name(s): Protein kinase B kinase Short name= PkB kinase
Expression Region	1-559
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.