



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

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| <b>Product Code</b>      | CSB-BP017738RA  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | O55173  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MARTTSQLYD AVPIQSSVVL CSCPSPSMVR SQTEPSSSPG IPSGVSRQGS<br>TMDGTTAEAR PSTNPLQQHP AQLPPQPRKK RPEDFKFGKI LGECSFSTVV<br>LARELATSRE YAIKILEKRH IIKENKVPYV TRERDVMSRL DHPFFVKLYF<br>TFQDDEKLYF GLSYAKNGEL LKYIRKIGSF DETCTRFYTA EIVSALEYLH<br>GKGIHRDLK PENILLNEDM HIQITDFGTA KVLSPDSKQA RANSFVGTAQ<br>YVSPELLTEK SACKSSDLWA LGCIYQLVA GLPPFRAGNE YLIFQKIIKL<br>EYDFPEKFFP KARDLVEKLL VLDATKRLGC EEMEGYGPLK AHPFFESITW<br>ENLHQQTPPK LTAYLPAMSE DDEDCYGNVD NLLSQFGCMQ VSSSSSSSHSL<br>SAVDASLPQR SGSNIEQYIH DLDTNSFELD LQFSEDEKRL LLEKQAGGNP<br>WHQFVENNLI LKMGPVDKRK GLFARRRQLL LTEGPHLYYV DPNKVLKGE<br>IPWSQELRPE AKNFKTFFVH TPNRTYYLMD PSGNAHKWCR KIQEVWRQQY<br>QSSPDAAVQ |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | Pdpk1   |
| <b>Protein Names</b>     | Recommended name: 3-phosphoinositide-dependent protein kinase 1 EC=<br>2.7.11.1 Alternative name(s): Protein kinase B kinase Short name= PkB kinase   |
| <b>Expression Region</b> | 1-559   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>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 protein   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the<br>contents to the bottom. Please reconstitute protein in deionized sterile water to a<br>concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final<br>concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final<br>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,<br>storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life<br>of lyophilized form is 12 months at -20°C/-80°C.  |