



Recombinant Rat Serine/threonine-protein kinase PLK3 (Plk3)

| | |
|--------------------------|---|
| Product Code | CSB-EP870797RA |
| Abbreviation | Plk3 |
| Storage | 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. |
| Uniprot No. | Q9R011 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rattus norvegicus (Rat) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MEPAAGFLSP RPFPRAAAPS SPPAGPGPPA SASPRSEPGV LAGPQTPDAS RLITDPRSGR TYIKGROLLGK GGFARCYEAT DTETSIAYAV KVIPQSRVAK PHQREKIINE IELHRDLQHR HIVRFSHHFE DADNIYIFLE LCSRKSLAHI WKARHTLLEP EVRYYLRLQIL SGLKYLHQRG ILHRDLKLGN FFITDNMELK VGDFGLAARL EPPEQRKTI CGTPNYVAPE VLLRQGHGPE ADVWSLGCVM YTLLCGSPPF ETADLKETYR CIKQVHYTLP ASLSLPARQL LAAILRASPR DRPSIEQILR HDTFTKGYTP DRLPVSSCVT VPDLTTPNPA RSLFAKVTKS LFGRRKSKNK NHSEEQDNVS CLVSGLMRTS IGHPDVRPEA PAASALAPVS LVETAAEDSS PRGTLASSGD GFEEGLTVTT VVESALCALR NCVAFMPPAE QNPAPLAQPE PLVWVSKWVD YSNKFGFGYQ LSSRRVAVLF NDGTHMALSA NRKTVHYNPT STKHFSFSVG SVPRALQPQL GILRYFASYM EQHLMKGGDL PSVEEVEVPA PLLLLQWVKT DQALLMLFSD GTVQVNFYGD HTKLILSGWE PLLVTFFVARN RSACTYLASH LRQLGCSPDL RQRLRYALRL LRDRSPA |
| Source | E.coli |
| Target Names | Plk3 |
| Protein Names | Recommended name: Serine/threonine-protein kinase PLK3 EC= 2.7.11.21 Alternative name(s): Cytokine-inducible serine/threonine-protein kinase FGF-inducible kinase Polo-like kinase 3 Short name= PLK-3 |
| Expression Region | 1-647 |
| 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 |
| Target Details | Cytokine-inducible kinase is a putative serine/threonine kinase. CNK contains both a catalytic domain and a putative regulatory domain. It may play a role in regulation of cell cycle progression and tumorigenesis. |

**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.