



# Recombinant Rat Cyclin-dependent kinase-like 1 (Cdkl1)

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| <b>Product Code</b>      | CSB-EP717945RA                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Abbreviation</b>      | Cdkl1                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, 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 of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                 |
| <b>Uniprot No.</b>       | Q66HE7                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Sequence</b>          | MEKYEKIGKI GEGSYGVVFK CRNRDTGQIV AIKRLETED DPVIKKIALR<br>EIRMLKQLKH PNLVSLLEVF RKRRLHLVF EYCHHTVLHE LDRYQRGVPE<br>PLVKNITWQT LQAVNFCHKH NCIHRDVKPE NILITKHSVI KLCDFGFARL<br>LTGPGDYTD YVATRWRSP ELLVGDTQYG PPVDVWAIGC VFAELLSGVP<br>LWPGKSDVDQ LYLRKTLGD LIPRHQQVFS MNQYFSGVKI PDPEDMETLE<br>LKFPNISYA LGFLKGCLHM DPAERLTCEQ LLQHPYFDSI RDVGELARPH<br>DKPTRKTLRQ SRKHLTGLQH LPQLTSSSVL PALDRKKYHC GTRNFNYHFP<br>NI |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Target Names</b>      | Cdkl1                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Names</b>     | Recommended name: Cyclin-dependent kinase-like 1 EC= 2.7.11.22                                                                                                                                                                                                                                                                                                                                                     |
| <b>Expression Region</b> | 1-352                                                                                                                                                                                                                                                                                                                                                                                                              |
| <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 protein                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Target Details</b>    | This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the nucleus. Alternative splice variants encoding different protein isoforms have been described, but their full-length nature has not been determined.                                                                                                                              |
| <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.

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