

RPPB2459

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## Product Information    Protein Information

**Product SKU:**

RPPB2459

**Accession:**

P24941

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

CDK2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 306 amino acids (1-298a.a.) and having a molecular mass of 34.9kDa. CDK2 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Cyclin-Dependent Kinase 2, Cell Division Protein Kinase 2, P33 Protein Kinase, EC 2.7.11.22, CDKN2, Cdc2-Related Protein Kinase, P33(CDK2), EC 2.7.11, Cyclin-dependent kinase 2.

**Formulation:**

CDK2 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4), 30% glycerol, 2mM DTT and 0.1mM PMSF.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MENFQKVEKI GEGTYGVVYK ARNKLTGEV ALKKIRLDTE TEGVPSTAIR EISLLKELNH PNIVKLLDVI  
HTENKLYLVF EFLHQDLKFK MDASALTGIP LPLIKSYLFQ LLQGLAFCHS HRVLHRDLKP QNLLINTEGA  
IKLADFGLAR AFGVPVRTYT HEVVTWYRA PEILLGCKYY STAVDIWSLG CIFAEMVTRR ALFPGDSEID  
QLFRIFRTLK TPDEVVWPGV TSMPDYKPSF PKWARQDFSK VVPLDEDGR SLLSQMLHYD PNKRISAKAA  
LAHPFFQDVT KPVPHLRLLLE HHHHHH.