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DATA SHEET

Cyclin-Dependent Kinase 2 Human Recombinant, Sf9

Item Number	rAP-0921
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.
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.
Uniprot Accesion Number	P24941
Amino Acid Sequence	MENFQKVEKI GEGTYGVVYK ARNKLTGEVV ALKKIRLDTE TEGVPSTAIR EISLLKELNH PNIVKLLDVI HTENKLYLVF EFLHQDLKKF MDASALTGIP LPLIKSYLFQ LLQGLAFCHS HRVLHRDLKP QNLLINTEGA IKLADFGLAR AFGVPVRTYT HEVVTLWYRA PEILLGCKYY STAVDIWSLG CIFAEMVTRR ALFPGDSEID QLFRIFRTLG TPDEVVWPGV
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	CDK2 protein solution (0. 5mg/ml) contains Phosphate buffered saline (pH7.4), 30% glycerol, 2mM DTT and 0.1mM PMSF. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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