

Recombinant Mouse Cdk1 Protein, MYC/DDK-tagged

Cat. No. Cdk1-854M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cyclin-dependent kinase 1 (Cdk1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in liver E14 (RPKM 47.0), placenta adult (RPKM 44.1) and 11 other tissues
Molecular Mass	34.1 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Cdk1 cyclin-dependent kinase 1 [Mus musculus (house mouse)]
Official Symbol	Cdk1
Synonyms	Cdk1; cyclin-dependent kinase 1; Cdc2; Cdc2a; p34; cyclin-dependent kinase 1; cell cycle p34 CDC2 kinase protein; cell division control protein 2 homolog; cell division cycle 2 homolog A; cell division cycle control protein 2a; cell division protein kinase 1; p34 protein kinase; EC 2.7.11.22; EC 2.7.11.23
Gene ID	12534
mRNA Refseq	NM_007659
Protein Refseq	NP_031685
UniProt ID	P11440

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