

Recombinant Mouse Cdkn2c Protein, MYC/DDK-tagged

Cat. No. Cdkn2c-871M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cyclin dependent kinase inhibitor 2C (Cdkn2c), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase (cdk) inhibitors, and contains five ankyrin repeats. This protein interacts with both Cdk4 and Cdk6 to inhibit their kinase activities, and prevent their interactions with D-type cyclins, thereby negatively regulating cell division. This gene is differentially expressed in a variety of tissues, and is cell cycle regulated. Deletion of this gene can lead to tumor growth. Maximal expression is observed at the G2/M phase. Alternative splicing and promoter usage results in multiple transcript variants.
Molecular Mass	18.1 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 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Cdkn2c cyclin dependent kinase inhibitor 2C [Mus musculus (house mouse)]

Official Symbol Cdkn2c

Synonyms Cdkn2c; cyclin dependent kinase inhibitor 2C; p18; INK4c; C77269; p18-INK6; p18INK4c; p18-INK4c; cyclin-dependent kinase 4 inhibitor C; cyclin-dependent kinase 6 inhibitor; cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)

Gene ID 12580

mRNA Refseq NM_007671

Protein Refseq NP_031697

UniProt ID Q60772

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