

Recombinant Mouse Ccny Protein, Myc/DDK-tagged

Cat. No. Ccny-2050M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cyclin Y (cDNA clone MGC:28252 IMAGE:3995040), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Positive regulatory subunit of the cyclin-dependent kinase CDK14/PFTK1. Acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by recruiting CDK14/PFTK1 to the plasma membrane and promoting phosphorylation of LRP6, leading to the activation of the Wnt signaling pathway. Recruits CDK16 to the plasma membrane. Positive regulatory subunit of the cyclin-dependent kinase CDK16.
Molecular Mass	39.4 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

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

GENE INFORMATION

Gene Name Ccny cyclin Y [*Mus musculus* (house mouse)]

Official Symbol Ccny

Synonyms Ccny; cyclin Y; 1700025H17Rik; 3110050L10Rik; 4631402G10Rik; 5730405I09Rik; cyclin-Y; cyclin fold protein 1

Gene ID 67974

mRNA Refseq NM_026484

Protein Refseq NP_080760

UniProt ID Q8BGU5

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