

CCND1 抗原

中文名称: CCND1 抗原

英文名称: CCND1 Antigen

相关类别: 抗原

储 存: 冷冻 (-20℃)

概述

Synthetic peptide corresponding to a region derived from 255-270 amino acids of human Cyclin D1

技术规格

Full name	Cyclin D1
Synonyms	BCL1, PRAD1, U21B31, D11S287E
Swissprot	P24385
Gene Accession	BC000076
Background	The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Mutations, amplification and overexpression of this gene, which alters cell cycle progression, are observed fr

requently in a variety of tumors and may contribute to tumorigenesis.