

CDKN1B 抗原（重组蛋白）

中文名称：CDKN1B 抗原（重组蛋白）

英文名称：CDKN1B Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 1-198 amino acids of human CDKN1B

技术规格

Full name:	cyclin dependent kinase inhibitor 1B
Synonyms:	KIP1; MEN4; CDKN4; MEN1B; P27KIP1
Swissprot:	P46527
Gene Accession:	BC001971
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4).

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