

CDK6 抗原（重组蛋白）

中文名称：CDK6 抗原（重组蛋白）

英文名称：CDK6 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 13-300 amino acids of human CDK6

技术规格

Full name:	cyclin dependent kinase 6
Synonyms:	MCPH12; PLSTIRE
Swissprot:	Q00534
Gene Accession:	BC052264
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a member of the CMGC family of serine/threonine protein kinases. This kinase is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression and G1/S transition. The activity of this kinase first appears in mid-G1 phase, which is controlled by the regulatory subunits including D-type cyclins and members of INK4 family of CDK inhibitors. This kinase, as well as CDK4, has been shown to phosphorylate, and thus regulate the activity of, tumor suppressor protein Rb. Altered expression of this gene has been observed in multiple human cancers. A mutation in this gene resulting in reduced cell proliferation

tion, and impaired cell motility and polarity, and has been identified in patients with primary microcephaly.