

VRK1 抗原（重组蛋白）

中文名称： VRK1 抗原（重组蛋白）

英文名称： VRK1 Antigen (Recombinant Protein)

别名： vaccinia related kinase 1; PCH1; PCH1A

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 197-396 amino acids of human VRK1

技术规格

Full name:	vaccinia related kinase 1
Synonyms:	PCH1; PCH1A
Swissprot:	Q99986
Gene Accession:	BC113510
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 member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. This gene is widely expressed in human tissues and has increased expression in actively dividing cells, such as those in testis, thymus, fetal liver, and carcinomas. Its protein localizes to the nucleus and has been shown to promote the stability and nuclear

accumulation of a transcriptionally active p53 molecule and, in vitro, to phosphorylate Thr18 of p53 and reduce p53 ubiquitination. This gene, therefore, may regulate cell proliferation. This protein also phosphorylates histone, casein, and the transcription factors ATF2 (activating transcription factor 2) and c-JUN.