

VHL 抗原（重组蛋白）

中文名称：VHL 抗原（重组蛋白）

英文名称：VHL Antigen (Recombinant Protein)

别名：RCA1; VHL1; pVHL; HRCA1

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

Full name:	von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase
Synonyms:	RCA1; VHL1; pVHL; HRCA1
Swissprot:	P40337
Gene Accession:	BC058831
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Von Hippel-Lindau syndrome (VHL) is a dominantly inherited familial cancer syndrome predisposing to a variety of malignant and benign tumors. A germline mutation of this gene is the basis of familial inheritance of VHL syndrome. The protein encoded by this gene is a component of the protein complex that includes elongin B, elongin C, and cullin-2, and possesses ubiquitin ligase E3 activity. This protein is involved in the ubiquitination and degradation of hypoxia-inducibl

e-factor (HIF), which is a transcription factor that plays a central role in the regulation of gene expression by oxygen. RNA polymerase II subunit POLR2G/RPB7 is also reported to be a target of this protein. Alternatively spliced transcript variants encoding distinct isoforms have been observed.