

## BCCIP 抗原（重组蛋白）

中文名称：BCCIP 抗原（重组蛋白）

英文名称： BCCIP Antigen (Recombinant Protein)

别名： TOK1; TOK-1

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 59-167 amino acids of human BCCIP

技术规格：

<b>Full name:</b>	BRCA2 and CDKN1A interacting protein
<b>Synonyms:</b>	TOK1; TOK-1
<b>Swissprot:</b>	Q9P287
<b>Gene Accession:</b>	BC009771
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene product was isolated on the basis of its interaction with BRCA2 and p21 proteins. It is an evolutionarily conserved nuclear protein with multiple interacting domains. The N-terminal half shares moderate homology with regions of calmodulin and M-calpain, suggesting that it may also bind calcium. Functional studies indicate that this protein may be an important cofactor for BRCA2 in tumor suppression, and a modulator

r of CDK2 kinase activity via p21. This protein has also been implicated in the regulation of BRCA2 and RAD51 nuclear focus formation, double-strand break-induced homologous recombination, and cell cycle progression. Multiple transcript variants encoding different isoforms have been described for this gene.