

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：

Full name:	BRCA2 and CDKN1A interacting protein
Synonyms:	TOK1; TOK-1
Swissprot:	Q9P287
Gene Accession:	BC009771
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 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.