

Recombinant Human BCCIP Protein, MYC/DDK-tagged

Cat. No. BCCIP-2365H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human BCCIP protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	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 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. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	BCCIP BRCA2 and CDKN1A interacting protein [Homo sapiens]
Official Symbol	BCCIP
Synonyms	TOK-1; TOK1
Gene ID	56647
mRNA Refseq	NM_016567
Protein Refseq	NP_057651
MIM	611883
UniProt ID	Q9P287

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