

Recombinant Human BCCIP

Catalog No: #GP11276



Package Size: #GP11276-1 100ug

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Description

Product Name	Recombinant Human BCCIP
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 59-167 amino acids of human BCCIP
Target Name	BRCA2 and CDKN1A interacting protein
Other Names	TOK1; TOK-1
Accession No.	Swissprot:Q9P287Gene Accession:BC009771
Uniprot	Q9P287
GeneID	56647;
Storage	-20~-80°C, pH 7.6 PBS

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 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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