9051 Mira Mesa Blvd, #910094
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BCCIP Human

BRCA2 And CDKN1A Interacting Protein Human Recombinant
RCP0179

Product Overview

Name	BCCIP Human
Description	
BRCA2 And CDKN1A Interacting Protein Human Recombinant	
Accession (Primary)	Q9P287
Synonyms	
BRCA2 and CDKN1A-interacting protein, P21- and CDK-associated protein 1, Protein TOK-1, BCCIP, TOK1, BRCA2 and CDKN1A-interacting protein.	
Introduction	
BRCA2 And CDKN1A Interacting Protein (BCCIP) is a nuclear protein with multiple interacting domains which remained conserved throughout the evolution. BCCIP is an important cofactor for BRCA2 in tumor suppression, and a modulator of CDK2 kinase activity via p21. BCCIP takes also part in the regulation of BRCA2 and RAD51 nuclear focus formation, doublestrand break-induced homologous recombination, and cell cycle progression.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
BCCIP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSEF MASRS KRRAVESGVP QPPDPPVQRD EEEEKEVENE DEDDDDSDKE KDEEDEVIDE EVNIEFEAYS LSDNDYDGIK KLLQQLFLKA PVNTAELTDL LIQQNHIGSV IKQTDVSEDS NDDMDEDEVF GFISLLNLTE RKGTQCVEQI QELVLRFCEK NCEKSMVEQL DKFLNDTTKP VGLLLSERFI	

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NVPPQIALPM YQQLQKELAG AHRTNKPCGK CYFYLLISKT FVEAGKNNSK KKPSNKKKAA LMFANAEEEF FYEKAILKFN YSVQEESDTC LGGKWSFDDV PMTPLRTVML IPGDKMNEIM DKLKEYLSV.

Precautions

BCCIP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9P287)