

Datasheet for ABIN7552608
BCCIP Protein (AA 1-314) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	BCCIP
Protein Characteristics:	AA 1-314
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCCIP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BCCIP Protein expressed in mammalian cells.
Sequence:	<p>MASRSKRRAV ESGVPQPPDP PVQRDEEEEEK EVENEDDDDD DSDKEKDEED EVIDEEVNIE FEAYSLSDND YDGIKLLQ LFLKAPVNTA ELTDLLIQN HIGSVIKQTD VSEDSNDDMD EDEVFGFISL LNLTERKGTQ CVEQIQELVL RFCEKNCEKS MVEQLDKFLN DTTKPVGLLL SERFINVPPQ IALPMYQQLQ KELAGAHRTN KPCGKCYFYL LISKTFVEAG KNNSKKKPSN KKKAALMFAN AEEEEFFYEKA ILKFNYSVQE ESDTCLGGKW SFDDVPMTPL RTVMLIPGDK MNEIMDKLKE YLSV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	BCCIP
Alternative Name:	BCCIP (BCCIP Products)
Background:	BRCA2 and CDKN1A-interacting protein (P21- and CDK-associated protein 1) (Protein TOK-1),FUNCTION: During interphase, required for microtubule organizing and anchoring activities. During mitosis, required for the organization and stabilization of the spindle pole (PubMed:28394342). Isoform 2/alpha is particularly important for the regulation of microtubule anchoring, microtubule stability, spindle architecture and spindle orientation, compared to isoform 1/beta (PubMed:28394342). May promote cell cycle arrest by enhancing the inhibition of CDK2 activity by CDKN1A. May be required for repair of DNA damage by homologous recombination in conjunction with BRCA2. May not be involved in non-homologous end joining (NHEJ). {ECO:0000269 PubMed:10878006, ECO:0000269 PubMed:14726710, ECO:0000269 PubMed:15539944, ECO:0000269 PubMed:15713648, ECO:0000269 PubMed:17947333, ECO:0000269 PubMed:28394342}.
Molecular Weight:	36.0 kDa
UniProt:	Q9P287

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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