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Product datasheet for TP504529

Bccip (NM_025392) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse BRCA2 and CDKN1A interacting protein (Bccip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204529 representing NM_025392 Red=Cloning site Green=Tags(s) MASKAKKRAVGNGIQRPLGAPGQREEEEEEDEVEDEEEDEDDSDEEEDEVDEIVDEEVNIEFEAYSISD NDYGGIKKLLQQLFLKAPVNTAELTNLLMQQNHIGSVIKQTDVSEDSDDEVDEDEIFGFISLLNLTERKG TQCAEQIKELVLSFCEKTCEQSMVEQLDKLLNDTSKPVGLLLSERFINVPPQIALPMHQQLQKELSEARR TNKPCGKCCFYLLISKTFMEAGKSSSRKRQDSLQQGALMFANAEEEFFYEKAILKFSYSVQGESDTRLGG RWSFDDVPMTPLRTVMVIPDDRMNEIMETLKDHLSV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079668
Locus ID:	66165
UniProt ID:	Q9CWI3

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RefSeq Size:	1260
Cytogenetics:	7 F3
RefSeq ORF:	948
Synonyms:	1110013J05Rik; TOK-1
Summary:	During interphase, required for microtubule organizing and anchoring activities. During mitosis, required for the organization and stabilization of the spindle pole (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) (By similarity).[UniProtKB/Swiss-Prot Function]