

Product datasheet for MC210288

Bccip (NM_025392) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Bccip (NM_025392) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Bccip
 Synonyms: 1110013J05Rik; TOK-1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC210288 representing NM_025392
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGCATCTAAGGCTAAGAAGCGAGCGGTGGGAAATGGAATTCAGCGCCGCTGGGAGCCCCGGCCAGC
 GGGAGGAGGAAGAAGAAGAGGATGAGGTGGAGGATGAGGAAGAAGACGAGGACGACAGTGACGAAGA
 AGAGGATGAAGTTGACGAAATCGTGGACGAGGAAGTGAATATTGAGTTTGAAGCCTATTCATCTCAGAT
 AACGATTATGGCGGAATTAAGAAATTAAGCAACAGCTTTTTCTAAAAGCCCCGTGAACACTGCCGAGC
 TGACGAATCTCCTGATGCAGCAGAACCACATTGGGAGTGTGATTAAGCAAACAGATGTTTCAGAAGACAG
 TGATGATGAAGTGGATGAAGATGAGATCTTTGGCTTCATAAGCCTTTAAATTTGACTGAAAAGAAAGGGG
 ACTCAGTGTGCTGAACAAATTAAGAGTTGGTTCTAAGCTTCTGTGAGAAGACCTGTGAGCAGAGCATGG
 TTGAACAGCTGGACAAGCTTTTGAATGACACCAGCAAGCCTGTGGCCTTCTGCTAAGTGAAGATTTCAT
 TAACGTCCCTCCACAGATTGCCCTGCCATGCACCAGCAGCTCCAGAAAGAACTGTCTGAGGCGCGAAGA
 ACCAACAAGCCATGTGGGAAATGCTGCTTCTACCTGCTGATTAGTAAGACATTTATGGAAGCAGGAAAGT
 CCAGTTCAGAAAGAGGAGGACAGCCTTCAGCAGGGGGCACTGATGTTTGCAAATGCAGAGGAAGAGTT
 CTTCTATGAGAAGCAATCTTGAAGTTCAGCTACTCGGTGCAGGGGGAGAGCGACACTCGTCTGGGAGGC
 AGATGGTCTTCGATGATGTTCCGATGACGCCTTTGCGGACTGTGATGTTAATTCAGACGACAGGATGA
 ATGAGATCATGGAACCCTGAAAGACCATCTCTCCGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_025392
 Insert Size: 951 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_025392.2 , NP_079668.2
RefSeq Size:	1260 bp
RefSeq ORF:	951 bp
Locus ID:	66165
UniProt ID:	Q9CWI3
Cytogenetics:	7 F3
Gene 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]