

Product datasheet for **MR204529L4V**

Bccip (NM_025392) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bccip (NM_025392) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Bccip
Synonyms:	1110013J05Rik; TOK-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025392
ORF Size:	948 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204529).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_025392.2 , NP_079668.2
RefSeq Size:	1260 bp
RefSeq ORF:	951 bp
Locus ID:	66165
UniProt ID:	Q9CW13
Cytogenetics:	7 F3



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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]