

Product datasheet for **MR223484L4V**

Cdca8 (NM_026560) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdca8 (NM_026560) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdca8
Synonyms:	4831429J16Rik; AU044747; BOR; Borealin; D4Ertd421e; DasraB; MESRGP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026560
ORF Size:	867 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223484).
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_026560.4 , NP_080836.3
RefSeq Size:	1626 bp
RefSeq ORF:	870 bp
Locus ID:	52276
UniProt ID:	Q8BHX3
Cytogenetics:	4 57.93 cM



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Gene Summary:

Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. In the complex, it may be required to direct the CPC to centromeric DNA. Major effector of the TTK kinase in the control of attachment-error-correction and chromosome alignment (By similarity).[UniProtKB/Swiss-Prot Function]