

Product datasheet for **RR209531L4V**

Mcmbp (NM_001039608) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mcmbp (NM_001039608) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Mcmbp
Synonyms:	MCM-BP; RGD1306730
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001039608
ORF Size:	1926 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR209531).
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_001039608.2 , NP_001034697.2
RefSeq Size:	2504 bp
RefSeq ORF:	1929 bp
Locus ID:	309009
UniProt ID:	B1H268
Cytogenetics:	1q37


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Gene Summary:

Associated component of the MCM complex that acts as a regulator of DNA replication. Binds to the MCM complex during late S phase and promotes the disassembly of the MCM complex from chromatin, thereby acting as a key regulator of pre-replication complex (pre-RC) unloading from replicated DNA. Can dissociate the MCM complex without addition of ATP; probably acts by destabilizing interactions of each individual subunits of the MCM complex. Required for sister chromatid cohesion (By similarity).[UniProtKB/Swiss-Prot Function]