

Product datasheet for **MR211059L4V**

Mcm10 (NM_027290) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mcm10 (NM_027290) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mcm10
Synonyms:	2410041F14Rik; AU018508; C79164; C330019M07Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027290
ORF Size:	2658 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211059).
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_027290.1 , NP_081566.1 , NP_081566.2
RefSeq Size:	3510 bp
RefSeq ORF:	2658 bp
Locus ID:	70024
UniProt ID:	Q0VBD2
Cytogenetics:	2 A1



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Gene Summary:

Acts as a replication initiation factor that brings together the MCM2-7 helicase and the DNA polymerase alpha/primase complex in order to initiate DNA replication. Additionally, plays a role in preventing DNA damage during replication. Key effector of the RBBP6 and ZBTB38-mediated regulation of DNA-replication and common fragile sites stability; acts as a direct target of transcriptional repression by ZBTB38 (By similarity).[UniProtKB/Swiss-Prot Function]