

Product datasheet for **RC231470L4V**

MCM9 (NM_017696) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MCM9 (NM_017696) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MCM9
Synonyms:	C6orf61; dj329L24.1; dj329L24.3; MCMDC1; ODG4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017696
ORF Size:	3429 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC231470).
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_017696.2
RefSeq ORF:	3432 bp
Locus ID:	254394
UniProt ID:	Q9NXL9
Cytogenetics:	6q22.31
MW:	127.8 kDa


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Gene Summary:

The protein encoded by this gene is a member of the mini-chromosome maintenance (MCM) protein family that are essential for the initiation of eukaryotic genome replication. Binding of this protein to chromatin has been shown to be a pre-requisite for recruiting the MCM2-7 helicase to DNA replication origins. This protein also binds, and is a positive regulator of, the chromatin licensing and DNA replication factor 1, CDT1. [provided by RefSeq, Nov 2010]