

## Product datasheet for **RC220019L4V**

### **MRF (MYRF) (NM\_013279) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MRF (MYRF) (NM_013279) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MRF
Synonyms:	11orf9; C11orf9; CUGS; MMERV; MRF; Ndt80; pqn-47
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013279
ORF Size:	3333 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220019).
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. <a href="#">More info</a>
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:	<a href="#">NM_013279.2</a>
RefSeq Size:	5745 bp
RefSeq ORF:	3336 bp
Locus ID:	745
UniProt ID:	<a href="#">Q9Y2G1</a>
Cytogenetics:	11q12.2
MW:	120.2 kDa


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**Gene Summary:**

This gene encodes a transcription factor that is required for central nervous system myelination and may regulate oligodendrocyte differentiation. It is thought to act by increasing the expression of genes that effect myelin production but may also directly promote myelin gene expression. Loss of a similar gene in mouse models results in severe demyelination. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]