

## Product datasheet for **RC200993L3V**

### **MRI1 (NM\_001031727) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MRI1 (NM_001031727) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MRI1
Synonyms:	M1Pi; MRDI; MTNA; Ypr118w
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001031727
ORF Size:	1107 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200993).
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_001031727.2</a>
RefSeq Size:	3177 bp
RefSeq ORF:	1110 bp
Locus ID:	84245
UniProt ID:	<a href="#">Q9BV20</a>
Cytogenetics:	19p13.13
MW:	39.1 kDa



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**Gene Summary:**

This enzyme functions in the methionine salvage pathway by catalyzing the interconversion of methylthioribose-1-phosphate and methylthioribulose-1-phosphate. Elevated expression of the encoded protein is associated with metastatic melanoma and this protein promotes melanoma cell invasion independent of its enzymatic activity. Mutations in this gene may be associated with vanishing white matter disease (VMWD). [provided by RefSeq, Jul 2016]