

## Product datasheet for **MR222021L4V**

### **Prr5l (NM\_001083810) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Prr5l (NM_001083810) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Prr5l
Synonyms:	2600010E01Rik; 4833411O04Rik; Protor-2; Protor2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001083810
ORF Size:	1068 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222021).
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_001083810.2</a>
RefSeq Size:	4296 bp
RefSeq ORF:	1113 bp
Locus ID:	72446
UniProt ID:	<a href="#">A2AVJ5</a>
Cytogenetics:	2 E2



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**Gene Summary:**

Associates with the mTORC2 complex that regulates cellular processes including survival and organization of the cytoskeleton (By similarity). Regulates the activity of the mTORC2 complex in a substrate-specific manner preventing for instance the specific phosphorylation of PKCs and thereby controlling cell migration (PubMed:22609986). Plays a role in the stimulation of ZFP36-mediated mRNA decay of several ZFP36-associated mRNAs, such as TNF-alpha and GM-CSF, in response to stress. Required for ZFP36 localization to cytoplasmic stress granule (SG) and P-body (PB) in response to stress.[UniProtKB/Swiss-Prot Function]