

Product datasheet for **RR203033L3V**

Prr7 (NM_001109116) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Prr7 (NM_001109116) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Prr7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001109116
ORF Size:	807 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR203033).
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_001109116.1 , NP_001102586.1
RefSeq Size:	970 bp
RefSeq ORF:	810 bp
Locus ID:	498704
UniProt ID:	P0C6T3
Cytogenetics:	17p14



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Gene Summary:

Acts as a synapse-to-nucleus messenger to promote NMDA receptor-mediated excitotoxicity in neurons in a JUN-dependent manner (PubMed:27458189). Inhibits ubiquitination-mediated degradation and promotes phosphorylation and transcriptional activity of transcription factor JUN (PubMed:27458189). Might play a redundant role in the regulation of T cell receptor signaling (By similarity). Might promote apoptosis in T cells (By similarity). [UniProtKB/Swiss-Prot Function]