

Product datasheet for **MR214094L3V**

Prrt2 (NM_001102563) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Prrt2 (NM_001102563) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Prrt2
Synonyms:	1500031119Rik; A1195361; DSPB3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001102563
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR214094).
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_001102563.1 , NP_001096033.1
RefSeq Size:	2510 bp
RefSeq ORF:	1041 bp
Locus ID:	69017
UniProt ID:	E9PUL5
Cytogenetics:	7 F3



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Gene Summary:

As a component of the outer core of AMPAR complex, may be involved in synaptic transmission in the central nervous system. In hippocampal neurons, in presynaptic terminals, plays an important role in the final steps of neurotransmitter release, possibly by regulating Ca(2+)-sensing (PubMed:27052163). In the cerebellum, may inhibit SNARE complex formation and downregulate short-term facilitation (PubMed:29056747).[UniProtKB/Swiss-Prot Function]