

## Product datasheet for **MR226685L4V**

### Ptprd (NM\_011211) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ptprd (NM_011211) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ptprd
Synonyms:	1110002J03Rik; 3000002J10Rik; B230219D21Rik; R-PTP-delta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011211
ORF Size:	4524 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226685).
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_011211.2</a>
RefSeq Size:	9127 bp
RefSeq ORF:	4527 bp
Locus ID:	19266
UniProt ID:	<a href="#">Q64487</a>
Cytogenetics:	4 36.94 cM



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**Gene Summary:**

Can bidirectionally induce pre- and post-synaptic differentiation of neurons by mediating interaction with IL1RAP and IL1RAPL1 trans-synaptically (PubMed:25908590). Involved in pre-synaptic differentiation through interaction with SLITRK2 (PubMed:25989451).  
[UniProtKB/Swiss-Prot Function]