

## Product datasheet for **RR203909L4V**

### Ptgdr (NM\_001135164) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ptgdr (NM_001135164) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Ptgdr
Synonyms:	RGD1565108
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001135164
ORF Size:	1071 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR203909).
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_001135164.1</a> , <a href="#">NP_001128636.1</a>
RefSeq Size:	1074 bp
RefSeq ORF:	1074 bp
Locus ID:	498475
UniProt ID:	<a href="#">Q9R261</a>
Cytogenetics:	15p14



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**Gene Summary:**

Receptor for prostaglandin D2 (PGD2). The activity of this receptor is mainly mediated by G(s) proteins that stimulate adenylate cyclase, resulting in an elevation of intracellular cAMP. A mobilization of calcium is also observed, but without formation of inositol 1,4,5-trisphosphate.[UniProtKB/Swiss-Prot Function]