

## Product datasheet for **RC210406L4V**

### **P2Y1 (P2RY1) (NM\_002563) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	P2Y1 (P2RY1) (NM_002563) Human Tagged ORF Clone Lentiviral Particle
Symbol:	P2Y1
Synonyms:	P2Y1; SARCC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002563
ORF Size:	1119 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210406).
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_002563.2</a>
RefSeq Size:	3110 bp
RefSeq ORF:	1122 bp
Locus ID:	5028
UniProt ID:	<a href="#">P47900</a>
Cytogenetics:	3q25.2
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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**Protein Pathways:** Neuroactive ligand-receptor interaction

**MW:** 42.1 kDa

**Gene Summary:** The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor functions as a receptor for extracellular ATP and ADP. In platelets binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and probably to platelet aggregation. [provided by RefSeq, Jul 2008]