

## Product datasheet for RC203491L4V

## OriGene Technologies, Inc.

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## P2Y6 (P2RY6) (NM\_004154) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: P2Y6 (P2RY6) (NM 004154) Human Tagged ORF Clone Lentiviral Particle

Symbol: P2Y6
Synonyms: P2Y6

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_004154

ORF Size: 984 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC203491).

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Sequence:

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.

**RefSeg:** NM 004154.3, NP 004145.1

 RefSeq Size:
 2400 bp

 RefSeq ORF:
 986 bp

 Locus ID:
 5031

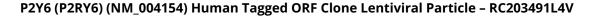
 Cytogenetics:
 11q13.4

 Domains:
 7tm\_1

**Protein Families:** Druggable Genome, GPCR, Transmembrane

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





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MW: 36.4 kDa

**Gene Summary:** 

The product of this gene belongs to the family of P2 receptors, which is activated by extracellular nucleotides and subdivided into P2X ligand-gated ion channels and P2Y 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, which is a G-protein coupled receptor, is responsive to UDP, partially responsive to UTP and ADP, and not responsive to ATP. It is proposed that this receptor mediates inflammatory responses. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Mar 2013]