

## Product datasheet for RC216207L4V

## OriGene Technologies, Inc.

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## P2X2 (P2RX2) (NM\_170682) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: P2X2 (P2RX2) (NM\_170682) Human Tagged ORF Clone Lentiviral Particle

Symbol: P2X2

Synonyms: DFNA41; P2X2

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_170682 **ORF Size:** 1413 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC216207).

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.

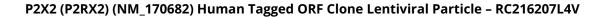
**RefSeg:** NM 170682.2

RefSeq Size: 1830 bp
RefSeq ORF: 1416 bp
Locus ID: 22953
UniProt ID: Q9UBL9
Cytogenetics: 12q24.33

**Protein Families:** Druggable Genome, Ion Channels: ATP Receptors, Transmembrane

**Protein Pathways:** Calcium signaling pathway, Neuroactive ligand-receptor interaction







**MW:** 51.6 kDa

**Gene Summary:** The product of this gene belongs to the family of purinoceptors for ATP. This receptor

functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Multiple transcript variants encoding

distinct isoforms have been identified for this gene. [provided by RefSeq, Aug 2013]