

## Product datasheet for **RC218626L1V**

### **P2X3 (P2RX3) (NM\_002559) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	P2X3 (P2RX3) (NM_002559) Human Tagged ORF Clone Lentiviral Particle
Symbol:	P2X3
Synonyms:	P2X3
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002559
ORF Size:	1191 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218626).
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_002559.2</a>
RefSeq Size:	1349 bp
RefSeq ORF:	1194 bp
Locus ID:	5024
UniProt ID:	<a href="#">P56373</a>
Cytogenetics:	11q12.1
Protein Families:	Druggable Genome, Ion Channels: ATP Receptors, Transmembrane
Protein Pathways:	Calcium signaling pathway, Neuroactive ligand-receptor interaction



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**MW:** 44.1 kDa

**Gene Summary:** This gene encodes a member of the P2X purinergic receptor (purinoceptor) gene family which includes seven members (P2RX1 - P2RX7). P2X purinoceptors are a family of cation-permeable, ligand-gated ion channels that open in response to the binding of extracellular adenosine 5'-triphosphate (ATP). The encoded protein is a subunit of the trimeric P2X3 receptor ion channel which is expressed by sensory or autonomic neurons. A deficiency of the orthologous protein in mice is associated with reduced pain-related behavior and urinary bladder hyporeflexia. [provided by RefSeq, Aug 2017]