Product datasheet for RC216261L4V

P2X2 (P2RX2) (NM_170683) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	P2X2 (P2RX2) (NM_170683) Human Tagged ORF Clone Lentiviral Particle
Symbol:	P2X2
Synonyms:	DFNA41; P2X2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_170683
ORF Size:	1491 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216261).
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.
RefSeq:	NM_170683.2
RefSeq Size:	1908 bp
RefSeq ORF:	1494 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

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MW: 54.3 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]