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Product datasheet for RC210061L4V

P2Y11 (P2RY11) (NM_002566) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	P2Y11 (P2RY11) (NM_002566) Human Tagged ORF Clone Lentiviral Particle
Symbol:	P2Y11
Synonyms:	P2Y11
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002566
ORF Size:	1122 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210061).
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_002566.4
RefSeq Size:	1977 bp
RefSeq ORF:	1125 bp
Locus ID:	5032
UniProt ID:	Q96G91
Cytogenetics:	19p13.2
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction

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MW: 40.3 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 is coupled to the stimulation of the phosphoinositide and adenylyl cyclase pathways and behaves as a selective purinoceptor. Naturally occuring read-through transcripts, resulting from intergenic splicing between this gene and an immediately upstream gene (PPAN, encoding peter pan homolog), have been found. The PPAN-P2RY11 read-through mRNA is ubiquitously expressed and encodes a fusion protein that shares identity with each individual gene product. [provided by RefSeq, Jul 2008]