

Product datasheet for **RG238176**

P2Y6 (P2RY6) (NM_001277208) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2Y6 (P2RY6) (NM_001277208) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	P2Y6
Synonyms:	P2Y6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238176 representing NM_001277208. Blue=ORF Red=Cloning site Green=Tag(s)

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GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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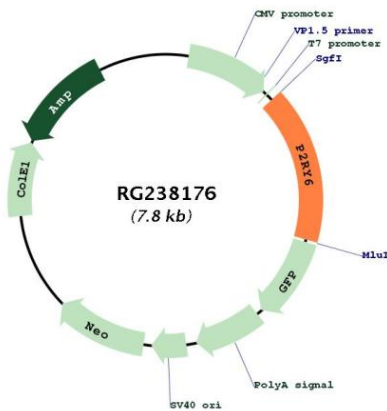


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RefSeq Size: 2466 bp
RefSeq ORF: 1290 bp
Locus ID: 5031
UniProt ID: [Q15077](#)
Cytogenetics: 11q13.4
Protein Families: Druggable Genome, GPCR, Transmembrane
Protein Pathways: Neuroactive ligand-receptor interaction
MW: 48 kDa

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]

Product images:



Circular map for RG238176