

## Product datasheet for **SC335679**

### **P2Y9 (LPAR4) (NM\_001278000) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	P2Y9 (LPAR4) (NM_001278000) Human Untagged Clone
Tag:	Tag Free
Symbol:	P2Y9
Synonyms:	GPR23; LPA4; P2RY9; P2Y5-LIKE; P2Y9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278000, the custom clone sequence may differ by one or more nucleotides

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ATGGGTGACAGAAGATTCATTGACTTCCAATTCGAAGATTCAAATTCAGCCTCAGACCCAGGTTGGGCA
ATGCTACTGCCAATAACTTGCATTGTTGATGATTCCTCAAGTATAATCTCAATGGTGTCTACAG
TGTTGTATTCACTTGGGTCTGATAACCAACAGTGTCTCTGTTTGTCTCTGTTTCCGCATGAAAATG
AGAAGTGAGACTGCTATTTTTATCACCATCTAGCTGTCTCTGATTTGCTTTTTGTCTGTACACTACCT
TAAAAATTTTTACAACCTCAACCGCCACTGGCCTTTGGTGACACCCTCTGCAAGATCTCTGGAAGTGC
ATTCCTTACCAACATCTATGGGAGCATGCTTTTCTCACCTGTATTAGTGTGGATCGTTTCTGGCCATT
GTCTATCCTTTTCGATCTCGTACTATTAGGACTAGGAGGAATTCTGCCATTGTGTGTCTGGTGTCTGGA
TCCTAGTCCTCAGTGGCGGTATTTAGCCTCTTTGTTTTCCACCCTAATGTCAACAATGCAACCACCAC
CTGCTTTGAAGGCTTCTCCAAACGTGTCTGGAAGACTATTTATCCAAGATCACAATATTTATTGAAGTT
GTTGGGTTTATCATTCTCTAATATTGAATGTCTCTTGTCTCTTGTGGTGTCTGAGAAGTCTTCGCAAGC
CTGCTACTCTGTCTCAAATGGGACCAATAAGAAAAAGTACTGAAAATGATCACAGTACATATGGCAGT
CTTTGTGGTATGCTTTGTACCCTACAACCTGTCTCTTCTTGTATGCCCTGGTGCCTCCCAAGCTATT
ACTAATTGCTTTTGGAAAGATTTGCAAAGATCATGTACCAATCACCTTGTGCCTTGAAGTCTGAACTCTGAACT
GTTGTTTTGACCCTTTTCACTATTACTTCAACCTTGAATCCTTTGACCAAGTCTTCTACATCAATGCCCA
CATCAGAATGGAGTCCCTGTTTAAAGACTGAAACACCTTTGACCACAAAGCCTTCCCTTCCAGCTATTCAA
GAGGAAGTGAGTGATCAAACAACAAATAATGGTGGTGAATTAATGCTAGAATCCACCTTTAG

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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001278000



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001278000.1</a></u> , <u><a href="#">NP_001264929.1</a></u>
<b>RefSeq Size:</b>	2155 bp
<b>RefSeq ORF:</b>	1113 bp
<b>Locus ID:</b>	2846
<b>UniProt ID:</b>	<u><a href="#">Q99677</a></u>
<b>Cytogenetics:</b>	Xq21.1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Neuroactive ligand-receptor interaction
<b>Gene Summary:</b>	<p>This gene encodes a member of the lysophosphatidic acid receptor family. It may also be related to the P2Y receptors, a family of receptors that bind purine and pyrimidine nucleotides and are coupled to G proteins. The encoded protein may play a role in monocytic differentiation. [provided by RefSeq, Feb 2009]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>