

Product datasheet for **SC116802**

P2Y9 (LPAR4) (NM_005296) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: P2Y9 (LPAR4) (NM_005296) Human Untagged Clone
Tag: Tag Free
Symbol: LPAR4
Synonyms: GPR23; LPA4; P2RY9; P2Y5-LIKE; P2Y9
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF:

```
>OriGene sequence for NM_005296, RT-PCR generated
ATGGGTGACAGAAGATTCATTGACTTCCAATTCCAAGATTCAAATTCAGCCTCAGACCC
AGGTTGGGCAATGCTACTGCCAATAAATACTTGCAATTGTTGATGATTCTTCAAGTATAAT
CTCAATGGTGCTGTCTACAGTGTGTATTCATCTTGGGTCTGATAACCAACAGTGTCTCT
CTGTTTGTCTTCTGTTTCCGCATGAAAATGAGAAGTGAGACTGCTATTTTATACCAAT
CTAGCTGTCTCTGATTTGCTTTTGTCTGTACTACTACCTTTTAAAATATTTTACAACCTC
AACCGCCACTGGCCTTTTGGTGACACCCTCTGCAAGATCTCTGGAAGTGCATTCTTACC
AACATCTATGGGAGCATGCTCTTCTCACCTGTATTAGTGTGGATCGTTTCTGGCCATT
GTCTATCCTTTTTCGATCTCGTACTATTAGGACTAGGAGGAATTCTGCCATTGTGTGTGCT
GGTGTCTGGATCCTAGTCCCTCAGTGGCGGTATTTTCAGCCTCTTTGTTTTCCACCATAAT
GTCAACAATGCAACCACCACCTGCTTTGAAGGCTTCTCCAACGTGTCTGGAAGACTTAT
TTATCCAAGATCACAAATATTTATTGAAGTTGTTGGGTTTATCATTCTCTAATATTGAAT
GTCTCTTGCTCTTCTGTGGTGTGAGAAGTCTTCGCAAGCCTGCTACTCTGTCTCAAATT
GGGACCAATAAGAAAAAGTACTGAAAATGATCACAGTACATATGGCAGTCTTTGTGGTA
TGCTTTGTACCCTACAACCTCTGCCTCTTCTTGTATGCCCTGGTGGCCTCCCAAGCTATT
ACTAATTGCTTTTTGGAAAGATTTGCAAAGATCATGTACCAATCACCTTGTGCCTTGCA
ACTCTGAACTGTTGTTTTGACCCTTTCATCTATTACTTACCCTTGAATCCTTTTCAGAAG
TCCTTCTACATCAATGCCACATCAGAATGGAGTCCCTGTTTAAGACTGAAACACCTTTG
ACCACAAAGCCTTCCCTTCCAGCTATTCAAGAGGAAGTGAGTGATCAAACAACAATAAT
GGTGGTGAATTAATGCTAGAATCCACCTTTTAG
```



[View online »](#)

| | |
|-------------------------------------|---|
| 5' Read Nucleotide Sequence: | >OriGene 5' read for NM_005296 unedited GGGACTTAGAATTTGTAACGATTACTATAGGCGGCCGGAATCATTCTGGTACCGAGCT CGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCGGCTTATGGGTGACAGAAGATT CATTGACTTCCAATCCAAGATTCAAATCAAGCCTCAGACCCAGGTTGGGCAATGCTAC TGCCAATAACTTGCATTGTTGATGATTCCTCAAGTATAATCTCAATGGTGTCTGCTA CAGTGTGTATTTCATCTTGGGTCTGATAACCAACAGTGTCTCTGTTTGTCTTCTGTTT CCGCATGAAAATGAGAAGTGAGACTGCTATTTTTATCACCAATCTAGCTGTCTCTGATTT GCTTTTTGTCTGTACACTACCTTTTAAAAATTTTTACAACCTCAACCGCCACTGGCCTTT TGGTGACACCCTCTGCAAGATCTCTGGAAGTGCATTCCTTACCAACATCTATGGGAGCAT GCTCTTTCTCACCTGTATTAGTGTGGATCGTTTCTGGCCATTGTCTATCCTTTTCGATC TCGTAATAAGGACTAGGAGGAATTCTGCCATTGTGTGTGCTGGTGTCTGGATCCTAGT CCTCAGTGGCGGTATTTACAGCCTCTTTGTTTCCACCCTAATGTCAACAATGCAACCAC CACCTGCTTTGAAGGCTTCTCAAACGTGTCTGGAAGACTATTTATCCAAGATCACAAT ATTTATTGAAGTTGTTGGGTTTATCATTCTCTAATATTGAATGTCTCTTGTCTTCTGT GGTGTGAGAAGTCTTCCGAAGCCTGCTACTCTGTCTCAATTGGGACAAAAGAAAAAGT ACTGAAATGATCAGTACTATGGCAGTCTTTGTGTATGCTTTGTACCTACACTCTGTCTC TTCTGTATGCCCTGTGCG |
| Restriction Sites: | Please inquire |
| ACCN: | NM_005296 |
| OTI Disclaimer: | 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). |
| RefSeq: | <u>NM_005296.1</u> , <u>NP_005287.1</u> |
| RefSeq Size: | 2299 bp |
| RefSeq ORF: | 1113 bp |
| Locus ID: | 2846 |
| UniProt ID: | <u>Q99677</u> |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |
| Protein Pathways: | Neuroactive ligand-receptor interaction |
| Gene Summary: | 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] Transcript Variant: This variant (2) lacks alternate exons in the 5'UTR. Variants 1 and 2 encode the same protein. |