

Product datasheet for **SC327470**

P2RY5 (LPAR6) (NM_001162498) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: P2RY5 (LPAR6) (NM_001162498) Human Untagged Clone
Tag: Tag Free
Symbol: P2RY5
Synonyms: ARWH1; HYPT8; LAH3; LPA-6; P2RY5; P2Y5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC327470 representing NM_001162498.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGTAAGCGTTAACAGCTCCCACTGCTTCTATAATGACTCCTTTAAGTACACTTTGTATGGGTGCATG
TTCAGCATGGTGTGTTGTGCTTGGGTTAATCAATTGTGTTGCCATATACATTTTCATCTGCGTCTC
AAAGTCCGAAATGAAACTACAACCTACATGATTAACCTGGCAATGTCAGACTTGCCTTTTGTCTTACT
TTACCTTCAGGATTTTTACTTCACAACACGGAATTGGCCATTGGAGATTTACTTTGTAAGATTCT
GTGATGCTGTTTTATACCAACATGTACGGAAGCATTCTGTTCTAACCTGTATTAGTGTAGATCGATTT
CTGGCAATTGTCTACCCATTTAAGTCAAAGACTCTAAGAACCAAAAGAAATGCAAAGATTGTTTGCCT
GGCGTGTGGTTAACTGTGATCGGAGGAAGTGCACCCGCCGTTTTTGTTCAGTCTACCCACTCTCAGGGT
AACAATGCCTCAGAAGCCTGCTTTGAAAATTTTCCAGAAGCCACATGGAAAACATATCTCTCAAGGATT
GTAATTTTCATCGAAATAGTGGGATTTTTATTCTCTAATTTTAAATGTAACCTGTTCTAGTATGGTG
CTAAAACTTTAACCAACCTGTTACATTAAGTAGAAGCAAAATAACAAAACCTAAGGTTTTAAAAATG
ATTTTTGTACATTTGATCATATTCTGTTTCTGTTTTGTTCTTACAATATCAATCTATTTTTATTTCT
CTTGTGAGAACACAAACATTTGTTAATTGCTCAGTAGTGGCAGCAGTAAGGACAATGTACCCAATCACT
CTCTGTATTGCTGTTTCCAACCTGTTGTTTTGACCCTATAGTTTACTACTTTACATCGGACACAATTCAG
AATTCAAATAAAAATGAAAACCTGGTCTGTCAGGAGAAGTGACTTCAGATTCTCTGAAGTTCATGGTGCA
GAGAATTTTATTCAGCATAACCTACAGACCTTAAAAAGTAAGATATTTGACAATGAATCTGCTGCC TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI
ACCN: NM_001162498



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Insert Size:	1035 bp
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_001162498.1
RefSeq Size:	2512 bp
RefSeq ORF:	1035 bp
Locus ID:	10161
UniProt ID:	P43657
Cytogenetics:	13q14.2
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	39.4 kDa
Gene Summary:	<p>The protein encoded by this gene belongs to the family of G-protein coupled receptors, that are preferentially activated by adenosine and uridine nucleotides. This gene aligns with an internal intron of the retinoblastoma susceptibility gene in the reverse orientation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2009]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and represents use of an alternate promoter, compared to variant 1. Variants 1, 2, and 3 encode the same protein.</p>