OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC327469

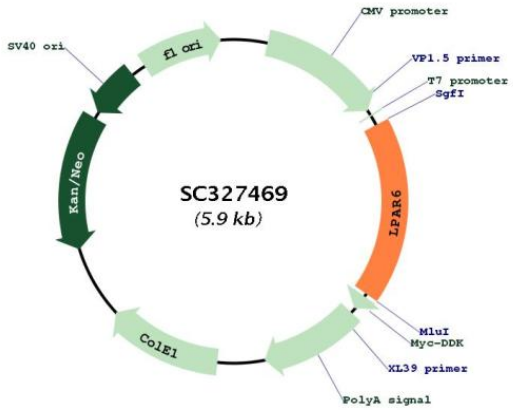
P2RY5 (LPAR6) (NM_001162497) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2RY5 (LPAR6) (NM_001162497) Human Untagged Clone
Tag:	Tag Free
Symbol:	LPAR6
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:	>SC327469 representing NM_001162497. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGGTAAGCGTTAACAGCTCCCACTGCTTCTATAATGACTCCTTTAAGTACACTTTGTATGGGTGCATG TTCAGCATGGTGTTTGTGCTTGGGTTAATATCCAATTGTGTTGCCATATACATTTTCATCTGCGTCCTC AAAGTCCGAAATGAAACTACAACTTACATGATTAACTTGGCAATGTCAGACTTGCTTTTTGTTTTTACT TTACCCTTCAGGATTTTTTACTTCACAACACGGAATTGGCCATTTGGAGATTTACTTTGTAAGATTTCT GTGATGCTGTTTTATACCAACATGTACGGAAGCATTCTGTTCTTAACCTGTATTAGTGTAGATCGATTT CTGGCAATTGTCTACCCATTTAAGTCAAAGACTCTAAGAACCAAAAGAAATGCAAAGATTGTTTGCACT GGCGTGTGGTTAACTGTGATCGGAGGAAGTGCACCCGCCGTTTTTGTTCAGTCTACCCACTCTCAGGGT AACAATGCCTCAGAAGCCTGCTTTGAAAATTTTCCAGAAGCCACATGGAAAACATATCTCTCAAGGATT GTAATTTTCATCGAAATAGTGGGATTTTTTATTCCTCTAATTTTAAATGTAACTTGTTCTAGTATGGTG CTAAAAACTTTAACCAAACCTGTTACATTAAGTAGAAGCAAAATAAACAAAACTAAGGTTTTAAAAATG ATTTTTGTACATTTGATCATATTCTGTTTCTGTTTTGTTCCTTACAATATCAATCTTATTTTATATTCT CTTGTGAGAACACAAACATTTGTTAATTGCTCAGTAGTGGCAGCAGTAAGGACAATGTACCCAATCACT CTCTGTATTGCTGTTTCCAACTGTTGTTTTGACCCTATAGTTTACTACTTTACATCGGACACAATTCAG AATTCAATAAAAATGAAAAACTGGTCTGTCAGGAGAAGTGACTTCAGATTCTCTGAAGTTCATGGTGCA GAGAATTTTATTCAGCATAACCTACAGACCTTAAAAAGTAAGATATTTGACAATGAATCTGCTGCCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI

View online »

Plasmid Map:



ACCN:	NM_001162497
Insert Size:	1035 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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 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:	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_001162497.1
RefSeq Size:	2561 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:	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] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.