

Product datasheet for **SC122386**

LPPR3 (PLPPR3) (BC017295) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LPPR3 (PLPPR3) (BC017295) Human Untagged Clone
Tag: Tag Free
Symbol: LPPR3
Synonyms: LPPR3; LPR3; PRG-2; PRG2
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC017295 edited
GGCACGAGGGCGCTGCGGGCCCTGACGCAGCGGGGCCACGACTCGGTTTATCAGCAGAAT
AAGTCGGTGAGCACCGACGAGCTGGGGCCCCAGGGCGGCTGGAGGGCGCGCCCCGGCC
GTGGCCCCGCGAGAAGACCTCGCTGGGCAGCCTGAAGCGCGCCAGCGTGGACGTGGACCTG
CTGGCCCCGCGCAGCCCCATGGCCAAGGAGAACATGGTGACCTTCAGCCACACGCTGCC
AGGGCCAGCGCGCCCTCGCTGGACGACCCCGCGCGCCGCACATGACCATCCACGTGCCG
CTGGACGCTCGCGCTCCAAGCAGCTCATCAGCGAGTGAAGCAGAAGAGCCTGGAGGGC
CGCGGCCCTGGGGTGCCCGACGACGCCAGCCCCGGGCACCTGCGCGCGCCCGCGAAACC
ATGGCGGAGGAGGAGGAAGAGGAGGAGGACGAAGAGGAAGAGGAGGAGGAGGAAGAGGAG
GAGGACGAGGGCCCGGCCCGCCCTCGCTCTACCCACCCTGCAGGCGCGCCGGGGCTG
GGGCTCGGGTATCCTCCACCGCGCGGGGGCCCGCGCTGGTGACATCCCGGAG
GAGGGCGCGCAGACGGGGCCCGCTGTCCCCAAAAGCGCGCCGGGGTGCAGCGCAAG
TGGCTCATGATGGCCGAGAAGAGCGGGCGGCAGTGGCCAACCCTCCGCGCTGTGTCAG
GTCATCGCATGTCCAAGGCTCCGGGCGCGCCGGGCCCAAGGCGCCGAGACGGCGTCG
TCGTCCAGCGCCAGCTCCGACTCCTCGCAGTACCGGTGCGCGTCCGACCGCGACTCCGCC
AGCATCGTGACCATCGACGCGCACGCGCGTACCACCCGTGGTGACCTGTCCGGCCGGC
GGCGGCCCTGGGAGTGAAGGCGGGCGGGCGGGGCCAAGGCGGAGGCCGACGGCGGC
TACGAGCTGGGGACCTGGCGCGCGCTTCCCGCGGGGGCCAAGCCCCGGGCGTGTCC
CCCGCTCGTCCGTCAGCGACGTGGACCAAGGAGGAGCCGCGTTCCGGGCGGTGGCCACC
GTCAACCTGGCCACGGGGCAGGGGCTGCCCCCGCTGGGCGCGCCGATGGGGCGCTGGGC
CCGGGCAGCCGGGAGTCCACGCTGCGGGCCACGCGGGCGGCTGGGGCTGGCGGAGCGC
GAGGCGGAGGCGGAGGCCGAGGGCTACTTCCGCAAGATGCAGGCGCGCCCTTCCCCGAC
TAGCGCGCGGGGCCGGGGCGGGGGCGGGGCCGAGGGCGCGGGCGGCCGCGCGGA
TGCTCAATAAAGCGGCAGAAACCGAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC017295 unedited NNTTAGTCAACATTTGTATACGACTCATATAGGGCGGCCGCGATTTCGGCACGAGGGCGCT GCGGGCCCTGACGCAGCGGGGCCACGACTCGGTTTATCAGCAGAAATAAGTCGGTGAGCAC CGACGAGCTGGGGCCCCAGGGCGGCTGGAGGGCGCGCCCCGGCCCGTGGCCCCGAGAA GACCTCGCTGGGCAGCCTGAAGCGGCCAGCGTGGACGTGGACCTGCTGGCCCCGCGCAG CCCCATGGCCAAGGAGAACATGGTGACCTTCAGCCACACGCTGCCAGGGCCAGCGCGCC CTCGCTGGACGACCCCGCGGCCACATGACCATCCACGTGCCGCTGGACGCCTCGCG CTCCAAGCAGCTCATCAGCGAGTGAAGCAGAAGAGCCTGGAGGGCCGCGCCTGGGGCT GCCCGACGACGCCAGCCCCGGGCACCTGCGCGCCCGCCGAACCCATGGCGGAGGAGGA GGAAGAGGAGGAGGACGAAGAGGAAGAGGAGGAGGAGGAAGAGGAGGAGGACGAGGGCCC GGCCCCGCCCTCGCTCTACCCACCGTGCATGCGCGGCCGGGGCTGGGGCCTCGGGTCAT CCTCCCACCGCGCGGGGCCGCCCGCTGGTGCACATCCCGGTAGAGGGCGCGCAGAC GGGGGCCGCCTGTCCCAAGCGGCCCGGGTGCAGCCAGTGGCTCATGATGGCCG AGAAGAGCGGGGGCAGTGGCCAACCCTCCGCGGCTGCTGCAGGTCATCGCCATGTCCA AGGCTCCGGGCGCGCCGGCCCCAAGGCGCCGAGACGCGTCTGTCACGCCAGCTCCG ACTCCTGCAGTACCAGTCGCCGTCCGACCGGG
Restriction Sites:	Please inquire
ACCN:	BC017295
Insert Size:	1364 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).
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:	BC017295.1 , AAH17295.1
RefSeq Size:	1364 bp
Locus ID:	79948
Cytogenetics:	19p13.3
Protein Families:	Transmembrane
Gene Summary:	The proteins in the lipid phosphate phosphatase (LPP) family, including PRG2, are integral membrane proteins that modulate bioactive lipid phosphates including phosphatidate, lysophosphatidate, and sphingosine-1-phosphate in the context of cell migration, neurite retraction, and mitogenesis (Brauer et al., 2003 [PubMed 12730698]).[supplied by OMIM, Mar 2008]