

## Product datasheet for **SC332909**

### **LPPR3 (PLPPR3) (NM\_001270366) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	LPPR3 (PLPPR3) (NM_001270366) Human Untagged Clone
Tag:	Tag Free
Symbol:	LPPR3
Synonyms:	LPPR3; LPR3; PRG-2; PRG2
Vector:	pCMV6-Entry (PS100001)



[View online »](#)

**Fully Sequenced ORF:** >SC332909 representing NM\_001270366.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGATCTCCACCAAGGAGAAGAACAAGATCCCGAAGGACAGCATGACGCTTCTGCCCTGCTTCTACTTC
GTGGAGCTGCCCATAGTGGCTTCTTCCATCGTATCCTTGTACTTCTGGAGCTGACCGACCTCTTCAAG
CCGGCCAAGTGGGCTTCCAGTGTATGACCGCACTCTCCATGCCCTACGTGGAGACCAACGAGGAG
CTCATCCCGCTGCTGATGCTGCTCAGTTGGCCTTCGCGGCCCTGCGCCCTCGATCATGGTGGCCGAG
GGCATGTTGTACTGTCTGCAGTCCCGGCTGTGGGGCCGTGCCGGGGGGCCCGCCGGGGCGGAGGGCAGC
ATCAACGCCGGCGGCTGCAACTTCAACTCCTTCTGCGGCGTACGGTGGGTTTGTGGGTGCCAGTG
TTCGGCTGTGTGCCACAGCCCTGGTGACGGAGCTGATCCAGCTGGCCACGGGTTACCACACTCCCTTC
TTCCTCACCGTCTGCAAGCCCACTACACTCTCCTGGGCAGTCTCGGAGGTCAACCCCTACATCAGC
CAGGACATCTGCTCCGGCCACGACATCCACGCCATCCTGTCTGCACGGAAGACCTTCCCGTCCCAGCAC
GCCACGCTGTGAGCCTTCGCGCGGTCTATGTGTCGATGACTTCAACTCGGTATCTCGGACACCACC
AAGCTGCTGAAGCCCATCTGGTCTTCCGCTTTGCCATCGCCGCGGGCGTATGCGGGCTCACGCAGATC
ACGCAGTACCGCAGCCACCTGTGGACGTGATGCGGGCTTCTCATCGGGCGGGCATCGTGCCTAC
CTGGCCTGCCACGCGGTGGGCAACTTCCAGGCCACCTGCAGAGAAGCCCGCGGCCCGGCCCGGCC
AAGGACGCGCTGCGGGCCCTGACGCAGCGGGGCCACGACTCGGTTTATCAGCAGAATAAGTCGGTGAGC
ACCGACGAGCTGGGGCCCCAGGGCGGCTGGAGGGCGCGCCCGGCCCGTGGCCCGCAGAGACCTCG
CTGGGCAGCCTGAAGCGGCCAGCGTGGACGTGGACCTGCTGGCCCCGCGCAGCCCCATGGCCAAGGAG
AACATGGTGACCTTACGACACACGCTGCCAGGGCCAGCGCGCCCTCGTGGACGACCCCGCGCGCCGC
CACATGACCATCCACGTGCCGCTGGACGCTCGCGCTCCAAGCAGCTCATCAGCGAGTGAAGCAGAAG
AGCCTGGAGGGCCGCGGCTGGGGTCCCGACGACGCCAGCCCGGGCACCTGCGCGCGCCCGCCGAA
CCCATGGCGGAGGAGGAAGAGGAGGAGGACGAAGAGGAAGAGGAGGAGGAGGAAGAGGAGGAGGAC
GAGGGCCCGGCCCGCCCTCGCTTACCCACCGTGCAGGCGCGCCGGGGCTGGGGCTCGGGTATC
CTCCACCGCGCGGGGCCCGCCCGCTGGTGCACATCCCGGAGGAGGGCGCGCAGACGGGGCCGGC
CTGTCCCCAAAAGCGCGCCGGGTGCGCGCCAAGTGGCTCATGATGGCCGAGAAGAGCGGGGGCGCA
GTGGCCAACCCTCCGCGGCTGCTGCAGGTATCGCCATGTCCAAGGCTCCGGGCGCGCGGGGCCCAAG
GCGGCCGAGACGGCGTCTGCTCCAGCGCCAGCTCCGACTCCTCGCAGTACCGGTGCGCGTGGACCGC
GACTCCGCCAGCATCGTACCATCGACGCGCACGCGCCGACCACCCCGTGGTGCACCTGTCGGCCGGC
GGCGGCCCTGGGAGTGAAGGGCGGGCGGGGCCAAGGGCGAGGGCCGACGGCGGCTACGAGCTG
GGGACCTGGCGCGGGCTTCCGCGCGGGGCCAAGCCCGGGCGTGTCCCGGCTGTCGGTACG
GACGTGGACAGGAGGCGCGGTTCCGGGCCGTGGCCACCGTCAACCTGGCCACGGGGAGGGGCTG
CCCCCGTGGGCGCGCCGATGGGGCGCTGGGCCCGGGCAGCCGGGAGTCCACGCTGCGGCGCCACGCG
GGCGGCTGGGGTGGCGGAGCGCGAGGCGGAGGCGGAGGCGGAGGGCTACTTCCGCAAGATGCAGGGC
CGCCGCTTCCCGACTAG
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001270366

**Insert Size:** 2157 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:**

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\\_001270366.1](#)

**RefSeq Size:** 2321 bp

**RefSeq ORF:** 2157 bp

**Locus ID:** 79948

**UniProt ID:** [Q6T4P5](#)

**Cytogenetics:** 19p13.3

**Protein Families:** Transmembrane

**MW:** 76 kDa

**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]

Transcript Variant: This variant (2) lacks an alternate segment in the coding region, compared to variant 1. The resulting isoform (2) lacks an internal region compared to isoform 1.