

## Product datasheet for SC112474

### LPPR2 (PLPPR2) (NM\_022737) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | LPPR2 (PLPPR2) (NM_022737) Human Untagged Clone   |
| Tag:                      | Tag Free  |
| Symbol:                   | LPPR2   |
| Synonyms:                 | LPPR2; PRG4   |
| Mammalian Cell Selection: | None  |
| Vector:                   | <u>pCMV6-XL5</u>  |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| Fully Sequenced ORF:      | >OriGene ORF within SC112474 sequence for NM_022737 edited (data generated by NextGen Sequencing) |

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ATGGCGGGAGGGAGACCGCATCTGAAGAGGAGTTTCTCCATCATCCCCTGCTTTGTCTTC
GTGGAGTCGGTGTCTGCTGGGCATTGTGATCCTGCTTGCTTACCGCCTGGAGTTCACGGAC
ACCTTCCCTGTGCACACCCAGGGATTCTTCTGCTATGACAGTACCTACGCCAAGCCCTAC
CCAGGGCCTGAGGCTGCCAGCCGAGTGCCTCCTGCTCTTGTCTACGCACTGGTCACTGCC
GGGCCACCCCTCACGATCCTGCTGGGAGAGCTGGCGCGTGCCTTTTTCCCTGCACCACCT
TCAGCCGTCCCAGTCATCGGGGAGAGCACCATCGTGTCTGGGGCCTGCTGCCGCTTACAG
CCCCAGTGCGGAGGCTGGTCCGCTTCTGGGGTCTACTCCTTCGGCCTTTCACCACG
ACCATCTTCGCCAACGCGGGCAGGTGGTGACCGCAATCCACGCCACACTTCTGTTC
GTGTGCCGCCAACTACACGGCCTGGGCTGCCTGCCACCTTCTCCGGATCGGCCAGGT
CCCGACCGCTTTGTCACTGACCAGGTGCCTGCGCTGGCAGTCCAGCCTCGTGGCCGCC
GCGCGCCGCGCCTTCCCCTGCAAGGATGCGGCCCTCTGCGCCTACGCGGTACCTACACA
GCGATGTACGTGACTCTCGTGTCCGCGTGAAGGGCTCCCGCCTGGTCAAACCCTCGCTC
TGCTTGGCCTTGTGTGCCCGGCCTTCTGGTGGGCGTGGTCCGCGTGGCCGAGTACCGA
AACCACTGGTCCGACGTGCTGGCTGGCTTCTGACAGGGCGGCCATCGCCACCTTTTTG
GTCACCTGCGTTGTGCATAACTTTCAGAGCCGGCCACCCTCTGGCCGAAGGCTCTCTCC
TGGGAGGACCTGGGCCAAGCCCCACCATGGATAGCCCCCTCGAAAAGAACCAGAGTCT
GCAGGCCGCAATTCGACACCGGCACGGCTCACCCATCCAAGTCGAGAACTGCGCCCGCC
GTGGCCACCTGA

```

Clone variation with respect to NM\_022737.2



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_022737 unedited  
 GGTACATTTGTATACGACTCATATAGGGCGGCCGCGATTTCGGCAGGAGGTCCATCCCC  
 CCGCGCCGGGGCAGTCTAGGCGGAGCGGGGCTCAGGCGGCGCGGCCTCGACGCGAGTG  
 AGTGTCTGTGGTTGGGGTCTGGACCCAGAGTGCCTACCCTCGCCTGCCTGGGCCTCAGTT  
 TCCACATCTGCACAATGGGGGTGACCATCCCTGCCCTGCTGGCTGCCAGGAGCGGCTGTG  
 AGTCTTCAGGCGTGGATGCAGCCTGGGGGAAGCCATAGGGCGCTTTCACAGGCCTGGCCT  
 TCACCATGGCGGGAGGGAGACCCGATCTGAAGAGGAGTTTCTCCATCATCCCCTGCTTTG  
 TCTTCGTGGAGTCGGTGTCTGCTGGGCATTGTGATCCTGCTTGTCTTACCGCCTGGAGTTCA  
 CGGACACCTTCCCTGTGCACACCCAGGGATTCTTCTGCTATGACAGTACCTACGCCAAGC  
 CCTACCCAGGGCCTGAGGCTGCCAGCCGAGTGCCTCCTGCTTTGTCTACGCACTGGTCA  
 CTGCCGGGCCACCCTCACGATCCTGCTGGGAGAGCTGGCGCGTGCCTTTTTCCCTGCAC  
 CACCTTACGCGTCCCAGTATCGGGGAGAGCACCATCGTGTCTGGNGCCTGCTGCCGCT  
 TCAGCCCCCAGTGGCGGAGCTGGTCCGCTTCTGGGGTCTACTCCCTTCGCTCTTAC  
 CACGACCATCTTCGCCAACGCGGGGAGGTGGTGACCCNGCATCCCACGCCACACTTTCT  
 GTNCGTGTGCCGNNCCACTACACGGCCCTGGGCTGGCCTGCANCTTCTNNCGGATCGNN  
 CAGTCCNGACCGCTTTGTCACTGACCANNGTGCCTGCGCTGGCAGTCCCNAGCCTNGTGG  
 NCGCCGNGCGCCGNGCCTTCCCCTGNA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_022737 unedited  
 CGGCCGAATCTAGTATCGAGTTTTTTTTTTTTTTTTTTCTGTTACAACAGGTCTTTAT  
 TAAAGATGAGAAGCCAGGTCTTTATTAAGATGAGGAGGGGGCAGGAAAGGGGGCAGTG  
 CCTACTTACCCACTGCCTTTGCCTGCCGGGGTGGAGGAGCCCTCTGCTCCACCCATG  
 CCCCCATGATGGCACATCTGTATGAGGCTGAGGCATGGGGGGCACTGTGAAGAAGAGGG  
 GCAGGATCCAAGAAAAAGAAAAACCCCTCCACAGCACCTAATAAATAACAGAAGGG  
 TTCGGGATGACCTGCGCACAGGCCAGGGGAGACACAGTACCCTGAACCAACAACCTCTG  
 AAGCGGCAAGCCCTACCTCAAACATGGGACCACGACACAGTGCGCCAAAGGGGCCCA  
 GGCCACTCACACGGAGGGGCTGCCAGGAAACAGGGGCTCCCTCGGACCCTGCCCTGGGG  
 GACCCCGACCCACACACTACAACCTGGATTCACTCGTCACTCTGTCAAAACACACATGAC  
 AACCTTGCCCACTATATCAACCATCTCCTTGAACGCTCAAACCCGTCGGATACCA  
 ACAGACGAACACCAGCTACCCCCACATATAAACTGAAAAATAAAGGACACACACATC  
 GAATCTATCACAACCAACCCCTGATTGATATACACCTACTCGCTCTCGACCCCTATC  
 TACCGTCGGGTACCGCAAACTTCGAATGATAATAACATATTTTGAATACAACTCGAAAA  
 CAAGGCCATTCTATATCCATACGCTATCCGGCCCCATACTTTTCTCCATACGGCACA  
 ATAACGGCTTAAGACTCCCTTCCCTTCTCCCTTCTATTTACCGTTCCACTCAA  
 CCCAGTAAACCATGTCATCTTACTCCTCCCTGAACGCCTAACATCATCTCGCGGATC  
 CCCACACCGCCCTCAACTACAACACCCACACTGATT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_022737

**Insert Size:**

2560 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\\_022737.1](#), [NP\\_073574.1](#)

**RefSeq Size:** 2686 bp

**RefSeq ORF:** 1032 bp

**Locus ID:** 64748

**UniProt ID:** [Q96GM1](#)

**Cytogenetics:** 19p13.2

**Domains:** acidPPc

**Protein Families:** Druggable Genome, Transmembrane