

Product datasheet for **RC230061**

LPPR2 (PLPPR2) (NM_001170635) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	LPPR2
Synonyms:	LPPR2; PRG4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RC230061 representing NM_001170635
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGGAGGGAGACCGCATCTGAAGAGGAGTTTCTCCATCATCCCCTGCTTTGTCTTCGTGGAGGGAT
 TCTTCTGCTATGACAGTACCTACGCCAAGCCCTACCCAGGGCCTGAGGCTGCCAGCCGAGTGCCTCCTGC
 TCTTGTCTACGCACTGGTCACTGCCGGGCCACCCCTACGATCCTGCTGGGAGAGCTGGCGCGTGCCCTT
 TTCCTGCAACACCTTCAGCCGTCCAGTCACTCGGGGAGAGCACCATCGTGTCTGGGGCCTGCTGCCGCT
 TCAGCCCCCAGTGGGAGGCTGGTCCGCTTCTGGGGGTCTACTCCTTCGGCCTCTTCACCACGACCAT
 CTTGCGCAACGCGGGGAGGTGGTGACCGCAATCCACGCCACACTTCTGTCCGTGTCCGCGCCCAAC
 TACACGGCCCTGGGCTGCTGCCACCTTCTCCGGATCGGCCAGGTCCCGACCGCTTTGTCACTGACCAGG
 GTGCTGCGCTGGCAGTCCAGCCTCGTGGCCGCCGCGCGCGCCTTCCCTGCAAGGATGCGGCCCT
 CTGCGCCTACGCGGTACCTACACAGCGATGTACGTGACTCTCGTGTCCGCGTGAAGGGCTCCCGCCTG
 GTCAAACCCTCGCTCTGCCTGGCCTTGCTGTGCCCGGCCTTCTGGTGGGCGTGGTCCGCGTGGCCGAGT
 ACCGAAACCACTGGTCGGACGTGCTGGCTGGCTTCTGACAGGGGCGGCCATCGCCACCTTTTGGTCACT
 CTGCGTTGTGCATAACTTTAGAGCCGGCCACCCTCTGGCCGAAGGCTCTCTCCCTGGGAGGACCTGGGC
 CAAGCCCCCACCATGGATAGCCCCCTCGAAAAGTTAAGTGTGGCGCAGGAACCCGAGGTCTGCAGGCCG
 ATTCGACACCGGCACGGCTCACCCCATCCAAGTCGCAGAACTGCGCCCGCGGTGGCCACCTGATCCCCAG
 CTGTGTCTCTCCAGGGCCCCAGCCATGTGTTCTGTCGCCCCGTGTGCCCGTCTCGATTGAGGTCTGAG
 CCGACGCCCTTGCCCTGCCCTACCCCTGCCAGCGCCACCCCGAGCCAGGGCCCCCTCGCCTTCTCCC
 CTGGACCTGGGGGCCAGGCGGGGTGGTGGACGTGGCCGGAAGCTGCTGCTGCCACGCCCTGCTGCG
 GGACCTGTACACCCTGAGTGGACTCTATCCCTCCCCCTCCACCGGACAACCTCAGCCCTTACCTGTTT
 GCCAGCCGTGACCACCTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC230061 representing NM_001170635
 Red=Cloning site Green=Tags(s)

MAGGRPHLKRSFSIIPCFVFVEGFFCYDSTYAKPYPGPEAASRVPPALVYALVTAGPTLTILLGELARAF
 FPAPPSAVPVIGESTIVSGACCRFSPPVRRLVRFLGVYSFGLFTTIFANAGQVVTGNPTPHFLSVCRPN
 YTALGCLPPSPDRPGPDRFVTDQGACAGSPSLVAAARRAFPCDAALCAYAVTYTAMYVTLVFRVKGSR
 VKPSLCLALLCPAFLVGVRVAEYRNHWSVLAGFLTGAATFLVTCVVHNFQSRPPSGRRLSPWEDLG
 QAPTMDSPLEKLSVAQEPEVCRPHSTPARLTPSKSQNCARRGHLIPSCVSSRAPAMCSPRVPRPRLRSE
 PTPLPLPLPAPTPSQGPSPPSGPGGGGRGRKLLPTLLRDLYTL SGLYPSPFHRDNFSPYLF
 ASRDHLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8059_b01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001170635

ORF Size: 1281 bp

OTI Disclaimer: 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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

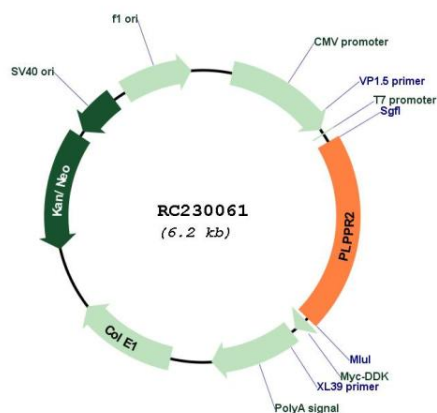
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001170635.2](#)

RefSeq ORF: 1284 bp

Locus ID: 64748
UniProt ID: [Q96GM1](#)
Cytogenetics: 19p13.2
Protein Families: Druggable Genome, Transmembrane
MW: 46 kDa

Product images:


Circular map for RC230061