

Product datasheet for **RG207171**

LRP11 (NM_032832) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	LRP11
Synonyms:	bA350J20.3; MANSC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG207171 representing NM_032832
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCTCCGTCGCCCAGGAGAGCGCGGGCTCGCAGCGCCGGCTACCGCCGCTCACGGGGCGCTGCGCG
 GGCTGCTACTGCTCTGCCTGTGGCTGCCAAGCGCCGTGCGGCCTTGCCGCCCGCGCGCCGCTGTCCGA
 ACTGCACGCGCAGCTGTGCGGCGTGAGCAGCTGCTGGAGGAGTTCGCCCGGCAACTGCAGCAGGAGCGG
 CCTCAGGAGGAGCTGGAGCTGGAGCTGCGCGCGGGCGCGGCCCGCCAGGAGGACTGCCAGCGCGGGGCA
 GCGGCGGTACAGCGCAATGCCTGACGCCATCATCCGACCAAGGACTCCCTGGCGGCGGGTGCCAGCTT
 CCTGCGGGCGCCGCGGCCGTGCGGGGCTGGCGCAATGCGTGCGGCGCTGCTGCTCCGAGCCGCGCTGC
 TCCGTGGCGGTGGTGGAGCTGCCCCGCGCCCCGCGCCCCGCGAGCCGTGCTCGGCTGCTACCTCTTCA
 ACTGCACGCGCGCGGCCGCAACGTCTGCAAGTTCGCGCTGCACAGCGGCTACAGCAGCTACAGCCTCAG
 CCGCGCGCCGACGGCGCCGCTGCCACCGCGCGCCTCGCCCCGCGAGGAAAAGGATGCGCTCCA
 CTTAGCAAGGCTGGGAGGATGTGTTCTGCATCTGCCACAGACGGGTGGTTCTAGACGCGCGGAGGA
 GCACAGATGACCACGCCATCGTCCAGTATGAGTGGGCACTGCTGCAGGGGACCCGTAGTGGACATGAA
 GGTGCTCAATCAGGAACCTGAAGCTGTCCACCTACAGGAGGGAACCTACACCTTCCAGCTGACCGTG
 ACGGACACTGCCGGCAGAGAAGCTCTGACAACGTGTAGTGACAGTGTTCGCGCAGCCTACTCCACAG
 GAGGATGTTTGCACACTTGCTCAGCTACCACTTCTTCTGTGACGATGGCTGCTGCATTGACATCAGCT
 CGCCTGCGATGGAGTGCAGCAGTGTCTGATGGGTCTGATGAAGACTTCTGCCAGAATCTGGGCTGGAC
 CACAAGATGGTAACCCACACGGCAGCTAGTCTGCCCTGCCAAGAACACAGGGCCGAGTGAAGATGCAG
 GGGGTGACTCCTTGGTGAAGAGTCTCAGAAAGCCACTGCCCAACAAGCCACCTGCATTATCAAAAC
 AGAGAAGAGGAATCATTCCGCCTTTTGGGGACCAGAGAGTCAAATCATTCTGTGATGCCAGATAGTAGT
 TCCTCAGGGAAGAAGAGAAAAGAGGAAAGTTATATATTTGAGTCAAAGGGTGTGGAGGAGGAGGGAAC
 ACCCAGCCCCAGAAACAGGTGCAGTGTACCCCTGGCGCTGGGTTTGGCTATCACTGCTCTGCTGCTTCT
 CATGGTTGCATGCCGACTACGACTGGTGAACAGAACTGAAAAAGCTCGTCCCATACATCTGAGGAA
 TCGGACTACCTCATAAATGGGATGTATCTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

Protein Sequence: >RG207171 representing NM_032832
 Red=Cloning site Green=Tags(s)

MASVAQESAGSQRRLLPPRHGALRGLLLCLWLPSGRAALPPAAPLSELHAQLSGVEQLLEEFRRQLQQR
 PQEELELELRAGGPPQEDCPGRGSGGYSAMPDAIIRTKDSLAAGASFLRAPAAVRGWRQCVAACCSEPRC
 SVAVVELPRRPAPPAAVLGCYLFNCTARGNVCKFALHSGYSSYSLSRAPDGAALATARASPRQEKDAPP
 LSKAGQDVVHLPTDGVVLDGRESTDDHAIVQYEWALLQGDPSVDMKVPQSGTLKLSHLQEGTYTFQLTV
 TDTAGQRSSDNVSVTLRAAYSTGGCLHTCSRYHFFCDDGCCIDITLACDGVQQCPDGSDEDFCQNLGLD
 HKMVTHTAASPALPRTTGPSEDAGGDSLVEKSQKATAPNKPPALSNTTEKRNHSAFWGPESQIIPVMPDSS
 SSGKNRKEESYIFESKGDGGGGEHPAPETGAVLPLALGLAITALLLLMVACRLRLVKQKLKKARPITSEE
 SDYLINGMYL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_032832

ORF Size: 1500 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_032832.4](#)

RefSeq Size: 3595 bp

RefSeq ORF: 1503 bp

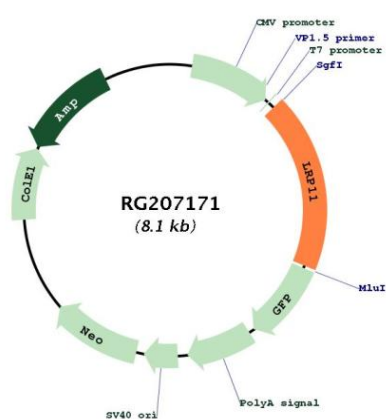
Locus ID: 84918

UniProt ID: [Q86VZ4](#)

Cytogenetics: 6q25.1

Domains: PKD, ldl_recept_a

Protein Families: Transmembrane

Product images:

Circular map for RG207171