

Product datasheet for **RN201769**

Lrp4 (NM_031322) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrp4 (NM_031322) Rat Untagged Clone
Tag: Tag Free
Symbol: Lrp4
Synonyms: Megf7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201769 representing NM_031322
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGCGGTGGTGGGGCGCGTCTGCTCGGCGCCTGCTCTGCGCACACGGCACAGCCAGCAATCTGG
AGTGTGCGTGTGGTGGGAGCCACTTCACATGTGCAGTGAGCGCGCTCGGGAATGTACCTGCATCCCCG
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ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031322
Insert Size:	5718 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:	<u>NM_031322.3, NP_112612.2</u>
RefSeq Size:	7784 bp
RefSeq ORF:	5718 bp
Locus ID:	83469
Cytogenetics:	3q24
Gene Summary:	mouse homolog has similarity to the low density lipoprotein receptor family, however, it does not bind very low density lipoprotein [RGD, Feb 2006]