

Product datasheet for **RN214550**

Lrp12 (NM_001134883) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrp12 (NM_001134883) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrp12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214550 representing NM_001134883
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCGTCGCTGGAGCACAAAGGAGTCTCCGCGCGGGGGTCCGGCTGGCTCTTGCTTTTCCTCGCTG
 GGGTGTACGAAAATGGTCTCTTGCAGAACTTTCCGAAAATGTGCATATTTAGGAGTGTCAACTGCTTG
 TGGTGAGACTCCAGAACAATTCGAGGGCCGACTGGAATAATCACGAGCCAGGCTGGCCTTCAGACTAC
 CCCGCCAAGATCAACTGTAGCTGGCTCATACGGGCAAACCCAGGGGAGATCATTACTATAAGTTTCAGG
 ATTTTGATATCCAGGGTCCAGGAGATGCACTTTGGACTGGTGACAATAGAAACATAACAAGAATATTGA
 AAGTTACAGAGCTTGTGGTCCACAATTCGCCTCCGTATATCTTTCACAAGACCACGTTTGGATCCGG
 TTCCACTCAGATGACAGTGTGCCAGAAAGGCTTCAGGTTGGCGTATTTTTCAGGAAAATCGGAGGAGC
 CACTGTGCCTGTGACCAGTTCGCTGTGGCAATGGGAAGTGCATTCGGAAGCCTGGAAGTGAACAG
 CATGGACGAGTGGAGATAGCTCTGACGAGGAGTCTGTGTCCAAGACGCTCACCCCAACAACGACC
 GCATTCAGCCCTGCGCCTACAACCAGTTCAGTGTCTGTCCCGCTTCACCAAAGTTTACACTTGCCTCC
 CTGAGTCTTGAAGTGTGATGGCAACATTGACTGCCTGGACCTGGGAGATGAGATCGACTGTGATATGCC
 GACATGCGGGCAGTGGTAAAATACTTCTATGAACTTTTAGTTCTCCAACTACCCGACTTTTACCCT
 CCTGGAAGTAACTGCACCTGGCTGATAGACTGGCGATCATCGAAAAGTCACTTACGGTTTACTGACT
 TAAACTCGATGGTACCGGATATGGTGATTATGTCAAATATATGACGGACTGGAGGAGAATCCTCGAA
 GCTTTTGGCAGTGCTAACTGCTTTTATTCTCACGCTCCCTGACAGTCGTTTCTTCTCCGGACAGATA
 AGAGTGCATTTTGTGCTGACAAAGTGAACGCTGCCAGAGGCTCAATGCTACTTACCAAGTGCACGGCT
 TCTGTTTCCCGTGGGAAATACCCTGTGGGGTAACTGGGGTGTACACAGAGCAGCAGCGCTGTGATGG
 CTACTGGCATTGCCAAAACGGAAGGATGAGATCAACTGTACCATGTGCCAAAAGGAAGAATTTCCATGT
 TCTCGAATGGTGTCTGCTACCCTCGTTCTGATCGCTGCAACTACAAAATCATTGTCCAAACGGCTCTG
 ATGAAAAAACTGCTTCTTTTGGCAGCCAGGAAATTTCCACTGCAAGAACAACCGCTGTGTGTTGAAAAG
 CTGGGTGTGACTCACAGGATGACTGTGGGACGGCAGCGATGAGGAGAGCTGCCCGTATTGTGCC
 ACCCGAGTCATAACAGCAGCCGTCATCGGGAGCCTGGTCTGTGGCCTGCTGCTTGTATTGCTCTGGCT
 GCATTGCAAGCTCTATTCTAAGGATGTTTGGAGCGAGATCATTTGAGACCCAGTGTGACGAGTGG
 AGCAGAGCTGCTGCGAAGAGAGGCTCCTCCCTCATATGGACAGCTGATCGCGCAGGGCCTAATCCCTCCG
 GTGGAAGACTTTCTGTCTGTTACCTAATCAGGCTTCAGTTTAGAAAACCTGCGGCTAGCTGTCCGAT
 CTCAGCTGGGATTTCTTCTATCAGACTTCCTATGACAGGAGATCTCGAAATATTTGGAATCGATTTT
 TAACCTTGAAGATCTCGTCATTAGGGTCCGCTGGCTTTGGTCTCAGGAGATGGAGATGAGGTTGCCCC
 AGCCAGAGCAGCAGCAGAGAGACTGAAAGGAGTCAACCTCACAGAAGCTTGTTCGCGGAGTCTGATG
 ACACAGACACAGAAAATGAGAGAAGGATACGGCGGGAGCATCTGGTGGGGTTCAGCTCCTTTGCCCA
 GAAAGTCCCTCCCAACTGCGGTAGAGGCCACAGTGGGACAGGTGGGAACTCCTCAGCTCAGAGCACC
 CGAGGTGGCCACGCAGATGGAAGGGAAGTGTCAAGTGTGGAAGCCCAAGTGTGAGCCCAGCAGCTCACC
 AGCTCACAAAGTCTTTAAGTCAATGACTCAGGCTCGCTGGTACGCTTTACTTTAGGTCGATCAAG
 CTCCACAACCAGAACCGGAGTCTTTGAGACAGCTTACACCCGGGTGAGTGGAAAGAGAAGACGACGAT
 GACGTTGAAATGCTAATTCCTGTTCTGATGGAGCTTCGGACATTGATGCAATGAATGCTCCAGACCTC
 TTCTTGATCTTGCTCAGACCAAGTACAAGGTTTAGACAGCCACACAGTTTACGAAACCTGGAGCGAG
 AACAAAGTAAACGGGACGGCCCTGCGAGCGCTGTGGCATTGTGCACAGGCCAGATACCAGACACTTGC
 TTAGAAGCGCAGTGAAGCTGAAGCGTGTGATGACGAGGCTTTGCTGCTGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001134883
Insert Size: 2577 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_001134883.1</u> , <u>NP_001128355.1</u>
RefSeq Size:	4040 bp
RefSeq ORF:	2577 bp
Locus ID:	314941
Cytogenetics:	7q31