

Product datasheet for **MC222198**

Lrp12 (NM_172814) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrp12 (NM_172814) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrp12
Synonyms:	A1848829; C820005L12Rik; LRP-12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222198 representing NM_172814
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCGTCGCTGGAGCACAAAAGAGTCTCAGCGCGGGGGTGGCGTGGCTCTTGCTTTTCCTCGCTG
 GGGTGTACGGAATGGTCTCTTGCAGAACTTTCTGAAAATGTGCATATTTTCAGGAGTGTCAACTGCTTG
 TGGGGAGAGTCCAGAACAATTCGAGCACCGAGTGGAATAATCACGAGTCCAGGCTGGCCTTCAGACTAT
 CCTGCCAAGTCAACTGCAGCTGGCTCATAAGGGCAAACCCAGGGGAGATCATTACTATAAGTTTTCAGG
 ATTTTGTATCCAGGGTCCAGAAGATGCACCTTGGACTGGTGACAATAGAAACATAACAAGAATATTGA
 AAGTTACCGAGCGTGTGGTCCACAATTCGCCACCATATATCTCTTCCAAGACCACGTTTGGATCCGG
 TTCCACTCAGATGACAGCGTGTCCAGGAAAGGCTTCAGGCTGGCGTATTTTTCAGGAAATCTGAGCAGC
 CAGACTGTGCCTGTGATCAGTCCGCTGTGAAATGAAAGTGTATTCCAGAAGCCTGGAAGTCAACAG
 CATGGACGAGTGTGGAGACAGTCTGACGAGGAGTCTGTGCCAGCGATGCTCACCCCAACCAGACT
 GCTTTCCAACCTGTGCCTACAACAGTTCAGTGTCTGTCCCGCTTACCACAAAGTTTACACGTGTCTCC
 CTGAGTCTTAAAGTGTGATGGGAACATTGACTGCCTGGACCTAGGAGACGAGATAGACTGTGACATGCC
 GACATGCGGACAATGGTAAATACTTCTATGGCACCTTCAATTTCTCCAACACCCGACTTTTATCCT
 CCTGGAAGTAACTGCACCTGGCTGATAGACACTGGTATCATCGGAAAGTCACTTACGGTTCACAGACT
 TAAACTTGATGGTACCGGTATGGTGATTATGTCAAATATATGACGGACTGGAGGAGAATCCTCGAA
 GCTCTTGGGGTGCTAACTGCTTTCGATTCTCACGCTCCTGTACGGTCTGTTTCTCCTCCGGACAGATA
 AGAGTACATTTCTGTCTGATAAAGTGAATGCTGCAAGAGGGTCAACGCTACTACCAAGTCTGATGGCT
 TCTGTTGCCATGGGAAATACCCTGTGGGGCAACTGGGGTGTACACAGAGCAGCAGCGCTGTGACGG
 GTACTGGCATTGCCCAAACGGAAGGGATGAAATCAATTGTACCATGTGCCAAAAGGAAGAATTTCCATGT
 TCTCGAAATGGTGTCTGCTACCTCGTTCTGATCGCTGCAACTACCAAAACCATTGTCCGAACGGCTCTG
 ATGAAAAAACTGCTTCTTTTGCAGCCAGGGAATTTCCACTGTAAAGAACAACCCTGTGTGTTGAAAG
 CTGGGTGTGTATTCCCAGGATGACTGCGGTGACGGCAGTACGAGGAGAACTGCCAGTCATTGTGCCT
 ACCAGAGTCATAACAGCAGCAGTCATCGGGAGCCTCATCTGTGGCCTGCTGCTCGTCATTGCATTGGGT
 GCCTTGAAGCTTTATCTCTGAGAATGTTTGAACGGAGATCATTTGAGACCCAGTGTGACGCGTGA
 AGCAGAACTTCCGAAGAGAGGCTCCTCCCTCATATGGACAGTGTGATCGCTCAGGACTAATCCCACCC
 GTAGAAGATTTTCTGTCTGTTCACCTAATCAGGCTTCGTTTTAGAAAACCTGAGGCTAGCTGTCCGAT
 CTCAGCTGGGATTTACTTCAATCAGGCTTCTATGACAGGCAGATCTAGCAACATTTGGAATCGTATTTT
 TAATTTTGAAGATCCCGTCATTGAGGTCATTGGCTTTGGTCTCGGGAGATGGAGATGAGGTTGTCCT
 AGCCAGAGCAGCAGAGAAAAGTGAAGGAGTCCGCCCTCACAGAAGCTTATTCTCCGTGGAGTCCGATG
 ACCTGACACAGAAAAAGAGAGAAGGGATACGGCGGGAGCATCGGGTGGGGTGCAGCACCGTTGCCCA
 GAAGGTCCCTCCCACGACCGCGTGGAGGCCACAGTGGGATCAGGTGGGAATTCCTCTGCTCAGAGCACC
 AGAGGTGGCCATGCAGATGGAAGGAAGTGTCAAGTGTGAAGCCCGAGTGTGAGCCCAGCACGTCACC
 AGCTACAAGTCTTTAAGTCGGATGACTCAGGCTGCGCTGGTCCGCTTTACTAGTTCGATCGAG
 CTCCTACTCCAGAACCGGAGTCTTTGAGACAGCTGGACACCGCAGTGTGAGCAGAAAGACGACGAT
 GACGTCGAAATGCTAATTCAGTTCAGACGGAGCTTCGGACATTGATGCAATGACTGCTCCAGACCTC
 TTCTTGACCTTGCTCAGACCAAGTACAAGGGTTAGACAGCCACACAGTGCAGGAAACCTGGAGTGAG
 AACAAGTAACCGGGACGGCCCTGCGAGCGCTGTGGCATTGTGCACACAGCCAGATACCAGACACTTGC
 TTAGAAGCCACAGTGAAGACGGAACGAGTGTGACGAGGCTTTGCTGCTGTGTAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_172814
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:	NM_172814.3 , NP_766402.1
RefSeq Size:	4064 bp
RefSeq ORF:	2577 bp
Locus ID:	239393
UniProt ID:	Q8BUJ9
Cytogenetics:	15 B3.1
Gene Summary:	Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. May act as a tumor suppressor (By similarity).[UniProtKB/Swiss-Prot Function]