

Product datasheet for **MC220680**

Lrp12 (BC058345) Mouse Untagged Clone

Product data:

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|--------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Lrp12 (BC058345) 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 |



[View online »](#)

Fully Sequenced ORF: >BC058345
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCGTCGCTGGAGCACAAAAGAGTCTCAGCGCGGGGGTCCGGCTGGCTCTTGCTTTTCTCGCTG
 GGGTGTACGCTTGTGGGAGAGTCCAGAACAATTCGAGCACCGAGTGAATAATCACGAGTCCAGGCTG
 GCCTTCAGACTATCCTGCCAAGTCAACTGCAGCTGGCTCATAAGGGCAAACCCAGGGGAGATCATTACT
 ATAAGTTTTAGGATTTTGATATCCAGGGTCCAGAAGATGCACTTTGGACTGGCTGACAATAGAAACAT
 ACAAGAATATTGAAAGTTACCGAGCGTGTGGTCCACAATTCGCCACCATATATCTCTTCCCAAGACCA
 CGTTTGGATCCGGTTCCTCAGATGACAGCGTGTCCAGGAAAGGCTTCAGGCTGGCGTATTTTTAGGG
 AAATCTGAGCAGCCAGACTGTGCCTGTGATCAGTTCGGCTGTGAAATGGAAAGTGTATTCCAGAAGCCT
 GGAAGTCAACAGCATGGACGAGTGTGGAGACAGTTCTGACGAGGAGGTCTGTGCCAGCGATGCTCACCC
 CCCAACCCAGACTGCTTCCAACCTGTGCCTACAACCAGTTCAGTGTCTGTCCCGCTTACCAAAGTT
 TACACGTGTCTCCTGAGTCCTTAAAGTGTGATGGGAACATTGACTGCCTGGACCTAGGAGACGAGATAG
 ACTGTGACATGCCGACATGCGGACAATGGTAAAAATACTTCTATGGCACCTTCAATTCTCCAACTACCC
 CGACTTTTATCCTCCTGGAAAGTAACTGCACCTGGCTGATAGACTGGTATCATCGGAAAGTATCTTA
 CGGTTCAGTACTTTAACTTGTGATGGTACCGGGTATGGTGATTATGTCAAATAATGACGGACTGGAGG
 AGAATCCTCGAAGCTCTTGGGGTGTAACTGCTTTCGATTCTCAGCTCCTCTGACGGTCTTTCTTC
 CTCGGACAGATAAGAGTACATTTCTGTCTGATAAAGTGAATGCTGCAAGAGGGTTCAACGCTACTTAC
 CAAGTCGATGGCTTCTGTTGCCATGGAAATACCCTGTGGGGCAACTGGGGTGTACACAGAGCAGC
 ACGCTGTGACGGTACTGGCATTGCCAAACGGAAGGATGAAATCAATTGTACCATGTCCAAAGGA
 AGAATTTCCATGTTCTCGAAATGGTGTCTGTACCCTCGTTCGATCGCTGCAACTACCAAACCATTTGT
 CCGAACGGCTCTGATGAAAAAACTGCTTCTTTGCCAGCCAGGGAATTTCCACTGTAAGAACAACCGCT
 GTGTGTTTGAAGCTGGGTGTGTGATTCCAGGATGACTGCGGTGACGGCAGTGACGAGGAGAACTGCC
 AGTCATTGTGCCTACCAGAGTCATAACAGCAGCAGTCACTCGGAGCCTCATCTGTGGCTGCTGCTCGT
 ATTGCATTGGGGTCACTTGCAAGCTTTATTCTCTGAGAATGTTTGAACGGAGATCATTTGAGACCCAGT
 TGTACGCGTGAAGCAGAACTTCTCCGAAGAGAGGCTCCTCCCTCATATGGACAGTTGATCGCTCAGGG
 ACTAATCCACCCGTAGAAGATTTTCTGTCTGTTACCTAATCAGGCTCCGTTTTAGAAAACCTGAGG
 CTAGCTGTCCGATCTCAGCTGGGATTTACTTCAATCAGGCTTCTATGACAGGCAGATCTAGCAACATTT
 GGAATCGTATTTTAATTTTGAAGATCCCGTCATTTCAGGGTCATTGGCTTTGGTCTCGGGAGATGGAGA
 TGAGGTTGTCCTAGCCAGAGCAGCAGCAGAGAACTGAGAGGAGTGCCTCACAGAAGCTTATTTCTCC
 GTGGAGTCCGATGACACTGACACAGAAAATGAGAGAAGGGATACGGCGGGAGCATCGGGTGGGGTTGCAG
 CACCGTTGCCAGAAAGTCCCTCCCACGACCGCGTGGAGGCCACAGTGGGATCAGGTGGGAATTCCTC
 TGCTCAGAGCACCAGAGTGGCCATGCAGATGGAAGGGAAGTGTCAAGTGTGGAAGCCCCGAGTGTGAGC
 CCAGCAGTCCACAGCTCACAAGTGCTTAAAGTCGGATGACTCAGGGCTGCGCTGGGTCCGCTTTACAC
 TAGGTCGATCGAGCTCCACTACCAGAACCAGTCCCTTGGAGACAGTGGACACCGCAGTGAAGTGGACG
 AGAAGACGACGATGACGTCGAAATGCTAATTCAGTTCAGACGGAGCTTCGGACATTGATGCCAATGAC
 TGCTCCAGACCTTCTTGGACCTTGCCTCAGACCAAGTACAAGGGTTTAGACAGCCACACAGTGCAGGAA
 ACCCTGGAGTGAGAAAGTAACCGGGACGGCCCTGCGAGCGCTGTGGCATTGTGCACACAGCCAGAT
 ACCAGACACTTGCTTAGAAGCCACAGTGAAGACGGAAACGAGTGTGACGAGGCTTTGCTGCTGTGTTAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
 TCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: BC058345
Insert Size: 2520 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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.

RefSeq: [BC058345](#), [AAH58345](#)

RefSeq Size: 4389 bp

RefSeq ORF: 2519 bp

Locus ID: 239393

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]