

Product datasheet for **SC326253**

LRP12 (NM_001135703) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | LRP12 (NM_001135703) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | LRP12 |
| Synonyms: | MIG13A; ST7 |
| Vector: | <u>pCMV6 series</u> |



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001135703, the custom clone sequence may differ by one or more nucleotides

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ATGGCCTGTCGCTGGAGCACAAAAGAGTCTCCGCGGTGGAGGTCTGCGTTGCTCTTGCTT
TTCCTCGCTGGGGTGTACGCTTGTGGAGAGACTCCAGAGCAAATACGAGCACCAAGTGGC
ATAATCACAAAGCCAGGCTGGCCTTCTGAATATCCTGCAAAAATCAACTGTAGCTGGTTC
ATAAGGGCAAACCCAGGCGAAATCATTACTATAAGTTTTTCAGGATTTTGATATTCAAGGA
TCCAGAAGGTGCAATTTGGACTGGTTGACAATAGAAACATACAAGAATATTGAAAGTTAC
AGAGCTTGTGGTTCCACAATTCCACCTCCGTATATCTCTTCAACAAGACCACATCTGGATT
AGGTTTCAATTCGGATGACAACATCTCTAGAAAAGGTTTCAGACTGGCATATTTTTAGGG
AAATCTGAGGAACCAAATTTGTGCTTGTGATCAGTTTCGTTGTGGTAATGGAAAGTGATA
CCAGAAGCCTGGAATGTAATAACATGGATGAATGTGGAGATAGTTCCGATGAAGAGATC
TGTGCCAAAGAAGCAAATCCTCCAACCTGCTGCTTTTTCAACCTGTGCTTACAACCAG
TTCAGTGTTTATCCCGTTTTACCAAAGTTTACACTTGCCTCCCCGAATCTTTAAATGT
GATGGGAACATTGACTGCCTTGACCTAGGAGATGAGATAGACTGTGATGTCCAACATGT
GGCAATGGCTAAAATATTTTTATGGTACTTTTAAATTCTCCAATATCCAGACTTTTAT
CCTCCTGGAAGCAATTGCACCTGGTTAATAGACTGGTGATCACCGTAAAGTCATTTTA
CGTTCCTACTGACTTTAACTTGATGGTACTGGTTATGGTGATTATGTCAAATATATGAT
GGATTAGAGGAGAATCCACACAAGCTTTTGCCTGTGTTGACAGCTTTTGATTCTCATGCA
CCTCTTACAGTTGTTCTTCTTCTGGACAGATAAGGGTACATTTTTGTGCTGATAAAGTG
AATGCTGCAAGGGGATTAATGCTACTTACCAAGTAGATGGGTTCTGTTTGCCATGGGAA
ATACCTGTGGAGGTAACCTGGGGTGTATACTGAGCAGCAGCGTTGTGATGGGTATTGG
CATTGCCCAAATGGAAGGGATGAAACCAATTGTACCATGTGCCAGAAGGAAGAATTTCCA
TGTTCCCGAAATGGTGTCTGTTATCCTCGTTCTGATCGCTGCAACTACCAGAATCATTGC
CCAAATGGCTCAGATGAAAAAACTGCTTTTTTTGCCAACCAAGGAAATTTCCATTGTAAA
AACAAATCGTTGTGTTTTGAAAGTTGGGTGTGATTCTCAAGATGACTGTGGTGTGGC
AGCGATGAAGAAAATGCCCAGTAATCGTGCCTACAAGAGTCATCACTGCTGCCGTCATA
GGGAGCCTCATCTGTGGCCTGTTACTCGTCATAGCATTGGGATGTAAGTTGTAAGCTTTAT
TCTCTGAGAATGTTTGAAGAAGATCATTTGAAACACAGTTGCAAGAGTGGAAGCAGAA
TTGTTAAGAAGAGAAGCTCCTCCCTCGTATGGACAATTGATTGCTCAGGGTTTAAATCCA
CCAGTTGAAGATTTTCTGTTTGTTCACCTAATCAGGCTTCTGTTTTGAAAAATCTGAGG
CTAGCGGTACGATCTCAGCTTGGATTTACTTCAGTCAGGCTTCTATGGCAGGCAGATCA
AGCAACATTTGGAACCGTATTTTAAATTTGCAAGATCACGTCATTCTGGGTCAATTGGCT
TTGGTCTCAGCAGATGGAGATGAGGTTGTCCCTAGTCAGAGTACCAAGTAGAGAACCTGAG
AGAAATCATACTCACAGAAGTTTGTTCCTGGAGTCTGATGATACAGACACAGAAAAT
GAGAGAAGAGATATGGCAGGAGCATCTGGTGGGTTGCAGCTCCTTTGCCTCAAAAAGTC
CCTCCCAACCGCAGTAGAAGCGACAGTAGGAGCATGTGCAAGTTCTCAACTCAGAGT
ACCCGAGGTGGTCATGCAGATAATGGAAGGGATGTGACAAGTGTGGAACCCCAAGTGTG
AGTCCAGCACGTCACCAGCTTACAAGTCACTCAGTCGTATGACTCAGGGGCTACGCTGG
GTACGTTTTACATTAGGACGATCAAGTCCCTAAGTCAGAACCAGAGTCTTTGAGACAA
CTTGATAATGGGTAAGTGGAAAGAGAAGATGATGATGATGTTGAAATGCTAATCCAATT
TCTGATGGATCTTCAAGCTTTGATGTGAATGACTGCTCCAGACCTCTTCTGATCTTGCC
TCAGATCAAGGACAAGGGCTTAGACAACCATATAATGCAACAAATCCTGGAGTAAGGCCA
AGTAATCGAGATGGCCCTGTGAGCGCTGTGGTATTGTCCACACTGCCAGATACCAGAC
ACTTGCTTAGAAGTAACACTGAAAAACGAAACGAGTGATGATGAGGCTTTGTACTTTGT

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Restriction Sites: Please inquire
ACCN: NM_001135703
Insert Size: 4092 bp

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| 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). |
| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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_001135703.1, NP_001129175.1</u> |
| RefSeq Size: | 4092 bp |
| RefSeq ORF: | 4092 bp |
| Locus ID: | 29967 |
| UniProt ID: | <u>Q9Y561</u> |
| Cytogenetics: | 8q22.3 |
| Protein Families: | Druggable Genome, Transmembrane |
| Gene Summary: | <p>This gene encodes a member of the low-density lipoprotein receptor related protein family. The product of this gene is a transmembrane protein that is differentially expressed in many cancer cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the coding region, compared to variant 1. The resulting isoform (b) is shorter than isoform a.</p> |