

Product datasheet for **SC115212**

LRP12 (NM_013437) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRP12 (NM_013437) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRP12
Synonyms:	MIG13A; ST7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC115212 sequence for NM_013437 edited (data generated by NextGen Sequencing)

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ATGGCCTGTGCGTGGAGCACAAAAGAGTCTCCGCGGTGGAGGTCTGCGTTGCTCTTGCTT
TTCCTCGTGGGGGTACGGAAATGGTGTCTTTCAGAACATTCTGAAAAATGTGCATATT
TCAGGAGTGTCAACTGCTTGTGGAGAGACTCCAGAGCAAATACGAGCACCAAGTGGCATA
ATCACAAGCCCAGGCTGGCCTTCTGAATATCCTGCAAAAATCAACTGTAGCTGGTTCATA
AGGGCAAACCCAGGCGAAATCATTACTATAAGTTTTTCAGGATTTTGATATTCAAGGATCC
AGAAGGTGCAATTTGGACTGGTTGACAATAGAAACATACAAGAATATTGAAAGTTACAGA
GCTTGTGGTTCCACAATTCACCTCCGTATATCTTTCACAAGACCACATCTGGATTAGG
TTTTATTTCGGATGACAACATCTCTAGAAAAGGGTTTCAGACTGGCATATTTTTTCAGGGAAA
TCTGAGGAACCAAATTTGCTTGTGATCAGTTTCGTTGTGGTAATGGAAAGTGTATACCA
GAAGCCTGAAAATGTAATAACATGGATGAATGTGGAGATAGTTCCGATGAAGAGATCTGT
GCCAAAGAAGCAAATCCTCCAAGTGTGCTGCTTTTCAACCCTGTGCTTACAACCAAGTTC
CAGTGTATATCCCGTTTTACCAAAGTTTACACTGCTCCCGAATCTTTAAAATGTGAT
GGGAACATTGACTGCCTTACCTAGGAGATGAGATAGACTGTGATGTGCCAACATGTGGG
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CCTGGAAGCAATTGCACCTGGTTAATAGACTGGTGTACCCGTAAGTCAATTTTACGC
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GTCTCAGCAGATGGAGATGAGGTTGTCCCTAGTCAGAGTACCAGTAGAGAACCTGAGAGA
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AGAAGAGATATGGCAGGAGCATCTGGTGGGGTTGCAGCTCCTTTGCCTCAAAAAGTCCCT
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CGAGGTGGTCATGCAGATAATGGAAGGGATGTGACAAGTGTGGAACCCCAAGTGTGAGT
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CGTTTTACATTAGGACGATCAAGTTCCCTAAGTCAAGAACAGAGTCCCTTTGAGACAATT
GATAATGGGGTAAGTGGAAAGAGAAGATGATGATGATGTTGAAATGCTAATTCCAATTTCT
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GATCAAGGACAAGGGCTTAGACAACCATATAATGCAACAAATCCTGGAGTAAGGCCAAGT
AATCGAGATGGCCCTGTGAGCGCTGTGGTATTGTCCACTGCCAGATACCAGACACT
TGCTTAGAAGTAACACTGAAAAACGAAACGAGTGTGATGAGGCTTTGTTACTTTGTTAG

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Clone variation with respect to NM_013437.4

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_013437 unedited</p> <pre>TTTAGATTTTGTATACGACTTATATAGGCGGCCGCGCAATTCGCACGAGGTCCGTCTCCT CCTCTCTCTCCATCTGCTGTGGTTATGGCCTGTGCTGGAGCACAAAAGAGTCTCCGC GGTGGAGGTCTGCGTTGCTCTTGCTTTTCTCGCTGGGGTGTACGGAAATGGTGTCTTG CAGAACATTCTGAAAATGTGCATATTTCCAGGAGTGTCACTGCTTGTGGAGAGACTCCAG AGCAAATACGAGCACCAAGTGGCATAATCACAAGCCCAGGCTGGCCTTCTGAATATCCTG CAAAAATCAACTGTAGCTGGTTTCATAAGGGCAAACCCAGGCGAAATCATTACTATAAGTT TTCAGGATTTTGATATTCAAGGATCCAGAAGGTGCAATTTGGACTGGTTGACAATAGAAA CATAACAAGAATATTGAAAGTTACAGAGCTTGTGGTTCCACAATCCACCTCCGTATATCT CTTCACAAGACCACATCTGGATTAGGTTTCATTGCGATGACAACATCTCTAGAAAGGGTT TCAGACTGGCATAATTTTTCAGGGAAATCTGAGGAACCAAATTTGTCTTGTGATCAGTTTC GTTGTGGTAAATGGAAAGTGTATACCAGAAGCCTGNAATGTAATAACATGGATGAATGTG GAGATAGTTCCGATGAAGAGATCTGTGCCAAAGAAGCANATCCTCCAAGTCTGCTGCTT TTCAACCTGTGCTTACACCAGTCCAGTGTATATCCCGTTTACCAAAGTTTACTCTTG CCCTCCGAATCTTTAAATGTGATGGGGACATTGACTGCCTTGACCTAGAGATGAGATA GACTGTGATGTGGCANCATGTTGGGCAATGGCTAANATATTTAATGGACTTTTTAATTC TCCATTATNCACNACTTTTATCCTCC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_013437 unedited</p> <pre>GGCAACTTTCAGGGCCAGAAGNAGCACTGGNGGNAGGGGTCACAGGGGATGCCACCCGG GATCTGTTCAGGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTT TTTTTTGTACATTAACAACCTTAACATCTAGTATATTAAGTTACAAGATGTGTTGGCAA AGCATAAACGTTTCAATTAATAAAGGGATTATTTTGTAAAAACAAACATTTAACATAG GATAGATAAAAAATGACAATCAAATGAGTTTCAGCAGCCACATTTTACAGTGAACACAG TATCAGGATGAAAACAATCAGAAACAAATGAAAGGACATTATTGAAACAATATGAATATGT GATGCATTTTTAGCTGCTAAAATAATAAACTCTAAGTTTCATAAAGTTACAAGTTGTCGAG NNNAGACCATGCCGGCTTACATAAATAAATAAGAAATCACCTGCATTTTTTCTTTTTAA ACTAAAAGTAACTGAAAGGTACAAAATAATAAATGGATATTGCTCCAAGTGTGACATAC CTTTCGTTTTTCAGTGGTACTTCTAAGCAAGAGTCTGGTATCTGGGCAGTGTGGACAATAC CACAGCGCTCACAGGGCCATCTCGATTACTTGGCCTTACTCCAAGATATGTTGCATTAT AGGGTTGTCTAAAATTTTNNATCCTTGTCTGAGGCAGATCAAAAGAAGGTCTGGAGCAGG CATTACATCAAGTCTGGAGATCCATCAAAAATGGGATTAGCATTTACATCATCATCAT TTTTTCTTCACTTACCCTNATCAAATTTGCTTAAAGAATCTGGTTCTGACTAGGGACTT GGACGTCCTATGGAAACCTACCCCCCACT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_013437
Insert Size:	2930 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:

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_013437.2](#), [NP_038465.1](#)

RefSeq Size: 4083 bp

RefSeq ORF: 2580 bp

Locus ID: 29967

UniProt ID: [Q9Y561](#)

Cytogenetics: 8q22.3

Domains: CUB, ldl_recept_a

Protein Families: Druggable Genome, Transmembrane

Gene Summary: 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]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).