

## Product datasheet for **SC107400**

### LRP5L (NM\_182492) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LRP5L (NM_182492) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRP5L
Synonyms:	DKFZp434O0213
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107400 sequence for NM_182492 edited (data generated by NextGen Sequencing)

```
ATGGAGGGCCACGTCTACTGGACGGATGACGAGGTGTGGGCCATCCGACGGGCATACCTG
GATGGGTCTGGGGCGCAGACGCTGATCAACACCAAGATCAACGACCCCGATGACATCGCA
GTCAACTGGGTGGCCCGAAGCCTCTATTGGACCCACACAGGCACTGAACACATCGAGGTG
ACGTGCCTCAACAGCACCTCCCACAAGATCCTGGTGTGAGAGGACATGGACGAGCCCGT
GCCATTGCACTGCATCCCGAGATGGGCCTCACGTACTGGATAGACTGGGGAGAGAACCCT
GAAATCAAGCGTGCCAACCTGGACAGGCAGGAGCTGCGCGTGCTGGTCAATGCTTCCTC
GGGTGGCCCAACGGCCTGGCCCTGGACCTGCAGGAAGGGAAGCTCTACTGGGGAGATGCC
AAGACAGATAAGATCGAGGCGATCAGTGTGATGAGACGAAGAGGCAGACCCTCCTGAAG
GACAAGCTCCCACACATTTTCAGTTTCACCTGCTGGGGACTTCATCTACTGGACCGCC
TGGCAGCACCACAGCATCAAGCGGTACACAAGGTCAAGGCCAACGGGACGTCATCATT
GACCAGCTGCCCCACCTGATGGGGCTCAAAGCTGTGAACGTGGACAAGGTCGTCGGAACC
AACCTCATGCGGACAGGAATGGGGGTGCAGCCACCTGTGCTTCTTACGCCCCACACAA
CCCGGTTTGGCTGCCCCATCTAGGGCCTGGAAGTCTGA
```

Clone variation with respect to NM\_182492.2  
429 c=>t



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_182492 unedited  
 GTATTTTGTAAATACGACTCACTTATAGGGCGGCCGGAATTCGCACGAGGGTGAGTAAAG  
 AGGGTCTTCAGCTCGGTACCCGGTGGGACTTGTGGTTGGGGCTGGTGTGTGGCCAGGAGA  
 GGGGCTGGCAGAAGACAAGGGGACTGTGAGGCAGCTCCCATCCAGCGGTTGAAGCCTGA  
 TGGCCTGGCTCTGTGCCTCAGTTCTCTCATCTATAAAATGAGAAAACAGTGCCAGCCTCC  
 CAGACCTGTATGAGGATGAACGAGTACCACGTAGCATGGGCTGGGTGCATGTCACCTA  
 ACATTACCAGCCTTTGCAAGGAGAGCCCTGGGGACCTGGCTGAGTTTTTCCCTTGCCTGG  
 CCCACTGCACCTGTCCCCACAGGAGCCAAGGAGTCTGCTGCTGGCCCGGTAGACGGAC  
 CAATGGAGGGTCTCGCTGGACACACCCGGACTTACCCGACATCGTCTGCAGCTGGACGAC  
 ATCCAGCATGCCATCGCCATCAACTATGACCCAATGGAGGGCCACGTCTACTGGACGGAT  
 GACGAGGTGTGGGCCATCCGACGGCATACTGGATGGGTCTGGGGCGCAGACGCTGATC  
 AACACCAAGATCAACGACCCGATGACATCGCAGTCAACTGGGTGGCCCGAAGCCTCTAT  
 TGGACCCACACAGGCACTGAANCACATCGAGGTGACGTGCCTCAACAGCACCTCCACAA  
 AATCCTGGTGTGACAGGACATGGACGAGCCCGTCCATTGCACTGCATCCCGAGATGGG  
 CCTCACGTACTGGATAGACTGGNGAGAGAACCCTGAATTAAGCGTGCCAACCTGACAGCA  
 NGACCTGCGCGTCTGGTCATGCTTCCCTCGGTGGCCNAACGNCTGNNCTGACTGCAGA  
 AGGAAGCTCTCTGGGGAGATGCAGACGATANATCAGGCGATCATGTCATGAACGAAAGCA  
 GACCTCTGAAGCAGCTCCACATTTAGGTACCTT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_182492 unedited  
 GTTACACTATGNNACCGCGCCGATTCTANGATCGAGTTTTTTTTTTTTTTTTTTTGA  
 TAGCTTGCTCATATTTAATTAGCTTGAATTGTGTTACAATAAATATTATAGTGCTTTAAG  
 AAAAATGTCTGAAACCTTTGAGGCAGGTACAGAGGGAAGTTTTTCCCATATAGGCTGCAC  
 GTGTGCATGTTCCGGCCACGCTACCTTCAGGCTGATGTCTGTCCAGTAGATGTGTTGC  
 TGGACACATCAAAGTCCAGGGCCGAGGCTCCTTGACGCCGAGAGCAGGATGGCCACATC  
 GTTGTGTTGGTCTCGAGGGAGATCCTGTGGATGGCGGCTCTACTGGTGAAGACCAAGAA  
 GGCCTTGGGCATGATGCAGGTCTTCATGTCACTCAGCAGTTCCAGGCCCTAGATGGGGCA  
 GCCAAACCGGGTGTGTGGGGCGTGAAGAAGCACAGGTGGCTGCACCCCATTCCTGTCC  
 GCATGAGGGTTGGTCCGACGACCTTGCCACGTTACAGCTTTGAGCCCATCAGGTGCG  
 GGCAGCTGGTCAATGATGACGTCCCGTTGGCCTTGACCTTGTGTACCCGCTTGTGCTG  
 TGGTGTGCCAGGCGGTCCAGTAGATGAAGTCCCCAGCAGGTGAACCTGANAATGTG  
 GGGAGCTTGTCCCTTCANGAGGGTCTGCCTTCTCGTCTCATCGACTGATCGCCTCGATC  
 TTATCTGTCTTGGCATCTCCCCAGTAGACTTCCCTTCCCTGCAGGTCCAGGGCCAGGCCG  
 TTGGGCCACCCGAGGAAGCATTGACCAGCAGCGCAGCTCCTGCCTGTCCAGGTTGGCA  
 CGCTTGATTTCCAGGGTTCTTCCCCGTCTATCCAGTACGTGAGGCCATCTCGGGATGC  
 AGTGAATGGCACCGN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_182492

**Insert Size:**

1700 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\\_182492.1](#), [NP\\_872298.1](#)

**RefSeq Size:** 3601 bp

**RefSeq ORF:** 759 bp

**Locus ID:** 91355

**UniProt ID:** [A4QPB2](#)

**Cytogenetics:** 22q11.23

**Protein Families:** Druggable Genome