

Product datasheet for RN202754

Lrp6 (NM_001107892) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrp6 (NM_001107892) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrp6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202754 representing NM_001107892 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGTAAGTGGAGACTGGGGAGAAGTGCCAAAGATAGAACGTGCTGGAATGGATGGTTCAAGTCGTTTTG
TTATAATAAACACTGAGATTTACTGGCCAAATGGACTGACTCTGGATTATGAGGAGCGGAAGCTTTATTG
GGCAGATGCAAACTTAATTTTCATCCATAAATCAAACCTGGACGGAACAAATCGACAGGCAGTGGTTAAA
GGTCCCTTCCACATCCTTTGCTTGGAGTTATTTGAGGACACATTGTACTGGACTGACTGGAATACAC
ACTCTATTTGGCTTGAACAAGTATACTGGCAGGGTCTGCGTGAAATCATTCTAACATCTTCTCTCC
CATGGATATACATGCTTTAGCCAAACAGAGGCAGCCAAATGCTACAAATCCATGTGGAATTGATAATGGT
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GCCATTGCCATAGACTACGACCCCGTGAAGGCTACGCTACTGGACGGACGATGAAGTACGGCCATCC
GTCGCTCCTTCATTGATGGATCTGGCAGTCAGTTTGTGGTCACGGCCAGATTGCCATCCTGATGGTAT
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TGACTGGCAGAGGCGGAGCATCGAGAGAGTGCACAAGCGGAGTGCAGAGAGGGAGGTGATAATAGACCAG
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GTGGACTGGCTTGGGAAGAACTTAACTGGGCAGACACAGGAACAAATCGCATTGAGGTGTCAAAGTTGG
 ATGGACAGCACCCGACAGGTTTTGGTATGGAAAGACCTTGACAGTCCCGAGCTCTGGCATTGGATCCTGC
 TGAAGGATTTATGTATTGGACTGAGTGGGGAGGGAAGCCTAAGATTGACAGAGCGGCTATGGATGGAAGT
 GAACGCACTACATTAGTTCCAAATGTGGGTCGAGCAAATGGCCTTACCATCGACTATGCTAAGAGGGCGC
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 ATGTGATGGACATCCTAGTCTTTCACTCTCCCGCAGGCAGGGTGAATGAATGTGCCTCCAGCAACGG
 GCACTGCTCCACCTTTGCTTGGCTGTGCCTGTTGGAGTTTTGTGTGGATGCCTGCCACTACTCC
 CTGAATGCTGACAACAGGACCTGTAGTGTCTACCACCTTCTGCTCTTCAGTCAGAAGAGCGCCATCA
 ACCGCATGGTGATTGATGAACAACAGAGTCTGACATCATCTTCTATCCACAGCCTTCGGAACGTCGG
 GGCCATTGATTATGACCTTTGGACAAGCAGCTCTACTGGATTGACTCTCGACAAAACATGATACGAAAG
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 TGATGTGACGAGATTAGATGGTCGATCAGTTGGAGTGGTCTAAAAGGCGAGCAAGACAGACCTCGAGCC
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 GGGCTGCCTTGGATGGAACAGAACGGGAGGTTCTCTTTTTCAGTGGCCTGAGTAAGCCCGTCGCTTTGGC
 TCTCGACAGCAAGCTGAGCAGGCTCTTCTGGGCTGACTCCGACCTCCGGCGAATTGAGAGCAGCGACCTC
 TCAGGTGCCAACAGGATCGTGCTAGAGGACTCTAATATATTGCAGCCTGTGGGTCTGACCGTGTGAGA
 ACTGGCTCTACTGGATTGATAAGCAGCAACAGATGATTGAAAAAATTGACATGACTGGTCGCGAAGGCAG
 AACCAAGTCCAGGCTCGGATTGCTCAGCTCAGTGACATCCATGCAGTGAAGGAGCTGAACCTTCAGGAA
 TACAGACAGCACCCGTGTGCCAGGATAAATGGTGGCTGTTACATATTTGCCTTGTAAAAGGAGATGGTA
 CCACAAGATGCTCCTGTCCCATGCATTTAGTTCTGCTTTCAGGATGAGCTGCTGTGGAGCCTCCAAC
 ATGTTCTCCTCAGCAGTTTACGTGTTTCACTGGGGACATTGACTGCATCCCTGTGGCCTGGCGGTGTGAT
 GGGTTTACTGAATGTGAAGACCACAGTGTGAGCTCAACTGTCCTGTGTGCTCGGAGTCTCAGTTCAGT
 GTGCCAGCGGCAGTGCATTGACGGCGCCTTCGATGCAATGGTGACGCGAACTGCCAGGATAAATCGGA
 TGAGAAGAACTGTGAAGTGCTTTGTCTAATTGATCAGTTCGCTGTGCCAATGGTCAGTGCCTTGGAAAA
 CACAAGAAATGCGACCACAATGTGGACTGCAGTGACAGATCTGATGAACTGGACTGCTATTTTGAACCCA
 CCACCATCTACAGGCCGTACAGCTACCGGCACCTTGCACCGCCACTACACCCTGCAGCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107892
- Insert Size:** 3705 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_001107892.1, NP_001101362.1

RefSeq Size: 5092 bp

RefSeq ORF: 3705 bp

Locus ID: 312781

Cytogenetics: 4q43