

Product datasheet for **SC113466**

LRRC59 (NM_018509) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC59 (NM_018509) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC59
Synonyms:	p34; PRO1855
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018509, the custom clone sequence may differ by one or more nucleotides

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ATGACCAAGGCCGGTAGCAAGGGCGGGAACCTCCGCGACAAGCTGGACGGCAACGAACTGGACCTGAGCC
TCAGCGACCTGAATGAGGTCCCGGTGAAGGAGCTGGCTGCCCTTCAAAGGCCACCATCCTGGATCTGTC
TTGTAATAAACTGACTACTCTACCGTCGGATTTCTGTGGCCTCACACACCTGGTGAAGCTAGACCTGAGT
AAGAACAAGCTGCAGCAGCTGCCAGCAGACTTTGGCCGCTCTGGTCAACCTCCAGCACCTGGATCTCCTCA
ACAACAAGCTGGTCACCTTGCTGTCAGCTTTGCTCAGCTCAAGAACCTGAAGTGGTTGGACCTGAAGGA
TAACCCCTGGATCCTGTCTGCTGGCCAAGGTGGCAGGTGACTGCTTGGATGAGAAGCAGTGAAGCAGTGT
GCAAACAAGGTGTTACAGCACATGAAGGCCGTGCAGGCAGATCAGGAGCGGGAGAGGCAGCGGGCTGG
AAGTAGAACGTGAGGCAGAGAAGAAGCGTGAGGCTAAGCAGCGAGCTAAGGAAGCTCAGGAGCGGGAAC
GCGGAAGCGGGAGAAGGCGGAAGAGAAGGAGCGCCGGAGAAAGGAGTATGATGCCCTCAAAGCAGCCAAG
CGGGAGCAGGAGAAGAAACCTAAGAAGGAAGCAAATCAGGCCCGAAATCTAAGTCTGGCTCCCCTCCCC
GCAAGCCACCACCCCGAAGCACACTCGTTCCTGGGCTGTGCTGAAGCTGCTGCTGCTGCTGCTGCTATT
TGGTGTGGCGGGAGGGCTGGTTGCTTGTGCGGTGACAGAGCTGCAGCAGCAGCCCTCTGCACCAGCGTG
AACACCATCTATGACAATGCGGTCCAGGGTCTACGCCCATGAGATCCTCCAGTGGTCTCCAGACCG
ACTCTCAGCAGTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018509 unedited
 GGTTCAAAATTGTATACGACTCATATAGGCGGCCGCGCAATTCGCACGAGGCACCATCCT
 GGATCTGTCTTGTAAATAAAGTACTACTACTACCGTCGGATTTCTGTGGCCTCACACACCT
 GGTGAAGCTAGACCTGAGTAAGAACAAGCTGCAGCAGCTGCCAGCAGACTTTGGCCGTCT
 GGTCAACCTCCAGCACCTGGATCTCCTCAACAACAAGCTGGTCACCTTGCCTGTCAGCTT
 TGCTCAGCTCAAGAACCTGAAGTGGTTGGACCTGAAGGATAACCCCTGGATCCTGTCCT
 GGCCAAGGTGGCAGGTGACTGCTTGGATGAGAAGCAGTGAAGCAGTGTGCAAACAAGGT
 GTTACAGCACATGAAGGCCGTGCAGGCAGATCAGGAGCGGGAGAGGCAGCGGCCGTGGA
 AGTAGAACGTGAGGCAGAGAAGAAGCGTGAGGCTAAGCAGCGAGCTAAGGAAGCTCAGGA
 GCGGGAAGTGGGAAGCGGGAGAAGGCGGAAGAGAAGGAGCGCCGGAGAAAGGAGTATGA
 TGCCCTCAAAGCAGCCAAGCGGGAGCAGGAGAAGAAACCTAAGAAGGAAGCAAATCAGGC
 CCCGAAATCTAAGTCTGGCTCCCGTCCCGCAAGCCACCACCCCGGAAGCACACTCGTTC
 CTGGGCTGTGCTGAAGCTGCTGCTGCTGCTGCTGCTATTGGTGTGGCGGGAGGGCTGGT
 TGCTTGTGGGTGACAGAGCTGCAGCAGCAGCCCTCTGCACCAGCGTGAACACCATCTA
 TGACAATGCGGTCCAGGGTCTACGCCGCATGAGATCCTTCCAGTGGGTCTCCAGACCG
 ACTCTCAGCAGTGAAGTGTCCCGCAGCCTGCTGCCTCCAGCCTTGGNAGTTTGGATTC
 CTATGAAATTGGTTCTGCTGAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018509 unedited
 TGGACCGCGNGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCCACTCAGAACAC
 TTATTTAATAACTGTAGAAATCCAAAAAATTAGCATCAAATCTTGAAGTCGTGAGTGAA
 GCTGCGGGTTGGCTTACTGGGCTCAGCCACTGAGCTGCCTCAACCGCCAAGGAACGGG
 ATTATGATGACTATGCGGACTTCTATATTGTCTTCATCTCATTGTGTATTATGTATTT
 AGTTTCAATAAAGCATTGTACCAATGGCTCTGGAGCTTGGAGGAAGACTAAAGGAATGT
 GTAGTGATTCTGAGTAAGATGTAACCTACGCAGCAGAGCTATGGGGGAGAAGATTAACA
 AAGTCTTTCTTCCAATATCAGGATAGTCATGAGTTGCAGTCCCATCCAAAAGGTCATTA
 GGGCTAAAAGGCCCTCTGTGCTCTGAAGTATGAGATTCTTGCTCCCTCCGGGGAGCCA
 AGGAGCTTGCACTGGGAGTTGCAAGTGAATGAGCACCATGACACAGTCATTTCTGATCCC
 TCTATCCAGCTGTTGTGAAAAGATGAAGCAAAGGAGGCAAGAAAATGCTTAATTTANCAG
 ACAAGAGAATGGACAGTGTGATCCTTTGTTTGTGCTAGCCATTGGGGTGTGCACCACTT
 TTCAGTCCATGATGCTACTTGTTCCTTCCATAACCCGTTCATTTATGCCCTTAGT
 TAATGGGCTAGAATCAAACATTTTTAAACCTCAATGGCTTATGAAGCTGGCACTTTAAAA
 CCTGCAAAAACAGGTTGCCTTTTGGGGTTTTTTTCCCCCAGTCCACTAAGACCTGTCT
 AAACCAGGGGGTTTTCAAATCCCCCTCCTTGTTCCTGGCGATTGGGGATTAATGGC
 TCTAAATAGGGCAGGACCCGGGACGTTGCCATTTAGGGAA

Restriction Sites:

NotI-NotI

ACCN:

NM_018509

Insert Size:

2440 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:	<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_018509.1</u> , <u>NP_060979.1</u>
RefSeq Size:	2933 bp
RefSeq ORF:	483 bp
Locus ID:	55379
UniProt ID:	<u>Q96AG4</u>
Cytogenetics:	17q21.33
Protein Families:	Transmembrane
Gene Summary:	Required for nuclear import of FGF1, but not that of FGF2. Might regulate nuclear import of exogenous FGF1 by facilitating interaction with the nuclear import machinery and by transporting cytosolic FGF1 to, and possibly through, the nuclear pores.[UniProtKB/Swiss-Prot Function]