

Product datasheet for **SC107966**

LRRC47 (NM_020710) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC47 (NM_020710) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC47
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 SC107966 sequence for NM_020710 edited (data generated by NextGen Sequencing)

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ATGGCGGCGGCAGCGGTGTCAGAGTCTTGGCCGGAGCTGGAGCTGGCTGAGCGCGAGCGG
CGGCGGGAGCTGCTGCTGACGGGGCCCGGGCTGGAGGAGCGAGTGCGGGCGGCGGGTGGG
CAGCTGCCGCCCGGGCTTTTACCCTGCCGCTGCTGCACTACTTGAAGTGAGCGGCTGC
GGGAGCTTGCGCGCGCCGGGGCTGGCCTGGCGCAGGGCCTGCCGCAGCTGCACAGCCTC
GTGCTGCGGCGCAACGCGCTGGGGCCCGGCTGAGCCCCGAGCTCGGGCCGCTGCCTGCC
CTTCGGGTGCTCGACCTGTCGGGCAACGCGCTGGAGGCGCTGCCGCCGGGCCAAGGCCTG
GGCCCCGCCGAGCCGCCGGGCTTCCGCACTGCAGAGCCTCAACCTCAGCGGCAACCGG
CTGCGCGAGCTGCCAGCCGACCTGGCGCGCTGCGCCCCGCGCCTGCAGAGCCTCAACCTC
ACCGGCAATTGCTAGACTCCTTTCCCGCCGAGCTCTTTCGCCCCGGCGCGCTGCCCTG
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GTGGGAGATGCCGGCCGGCTGCTGCTCAGGGTCTGCACGTCTCTGAAAACCCGTACCT
CTGACAGTCAGAGTGAGCCCCGAGGTCCGGGATGTGCGGCCCTACATTGTGGGGCCGTG
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CGTGCCGTCAAAGGGCCCTGCTGTACTGCGCCCGGCCCCACAGGACCTCAAGATTGTC
CCCTTGGGGCGGAAAGAAGCCAAGGCCAAGGAGCTGGTGCAGCAGCTGCAGCTGGAGGCC
GAGGAGCAGAGGAAGCAGAAGAAGCGGCAGAGTGTGTCGGGCTGCACAGATACCTTCAC
TTGCTGGATGGAATGAAAATTACCCGTGTCTTGTGGATGCAGACGGTGTGTGATTTC
TTCCACCAATAACCAACAGTGAGAAGACAAAGGTTAAGAAAACGACTTCTGATTTGTTT
TTGGAAGTAACAAGTGCCACCAGTCTGCAGATTTGCAAGGATGTCATGGATGCCCTCATT
CTGAAAATGGCAGAAATGAAAAAGTACACTTTAGAAAATAAGAGGAAGGATCACTCTCA
GATACTGAAGCCGATGCAGTCTCTGGACAACTCCAGATCCACAACGAATCCAGTGCT
GAAAAGGACGGGCCCTCCCTTCTGGTGGTGGAGCAGGTCCGGGTGGTGGATCTGGAAGGG
AGCCTGAAGGTGGTGTACCCGTCCAAGGCCGACCTGGCCACTGCCCTCCCCACGTGACT
GTCGTGCGCTGA

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Clone variation with respect to NM_020710.2

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020710 unedited CAAATTTTGTATACGAACTCACTATAGGGCGGCCGCGATTTCGGCACGAAGCCGGAACACC CTGGTGGGTGGGTGCCTGCCAGCAGCTGAGGCGCCATGGCGGCGGCAGCGGTGTCAGAGT CTTGGCCGGAGCTGGAGCTGGCTGAGCGCGAGCGGCGGCGGGAGCTGCTGCTGACGGGGC CCGGGCTGGAGGAGCGAGTGGGGCGGCGGGTGGGAGCTGCCGCCGCGGCTTTTACCC TGCCGCTGCTGCACTACTTGAAGTGAGCGGCTGCGGGAGCTTGCAGCGCGCGGGGCTG GCCTGGCGCAGGGCCTGCCGAGCTGCACAGCCTCGTGCTGCGGCGCAACGCGCTGGGGC CCGGCCTGAGCCCCGAGCTCGGGCCGCTGCCTGCCCTTCGGGTGCTCGACCTGTCCGGCA ACGCGCTGGAGGCGCTGCCGCCGGGCAAGGCCTGGGCCCGCGGAGCCCGGGGCTTC CGCAGCTGCAGAGCCTCAACCTCAGCGGCAACCGGCTGCGCGAGCTGCCAGCCGACCTGG CGCGCTGCGCCCCGCGCTGCAGAGCCTCAACCTACCGGCAATTGCCTAGACTCCTTTC CCGCCGAGCTCTTTCGCCCCGCGCGCTGCCCTGCTCAGTGAAGTGGCGGCTGCTGACA ACTGCCTCCGAGAACTCAGCCCCGACATCGCCACCTGGCCTCGCTCAAGACGTTGGACC TCTCGAACACCAGCTGAGCGAGATCCCTGCAGAGCTTGCAGGACTGCCCCAGCTCAAGGAG ATCAATTTCCGTGGGAACAAGCTGNAGGGACAGCGCCTGAGAAAATGGTCANNCGCTGNC NACCANANCATNCTGNAGACCTGCCNTCGAAGCCCTGGTGCCNGGAAGGCAAGGGCGTCC NAGGCTCGAAAGANNAACCGNGAAAAGGAGGAAGAACAGCGAGTNGGTTTTGTGGGGAA CAAATTGGGAAATCCCGCGTGTTTTAGTT
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_020710 unedited GGTACAGCTATGNNACCGCGCCGAATCTANGATCGAGTTTTTTTTTTTTTTTTTTGAT GGTGATGTAGTTTTATTTATGTGTTTTCATCTGGGAAAACCAAGTGCCAGCAGCATG ACTGAACATCACTCACTTCCCCTACTTGATCTACAAGGCCAACGCCGAGAGCCCAGACCA GGATTCCAAACACACTGCACGAGAATATTGTGGATCCGCTGTCAGGTAAGTGTCGCTCAC TGACCCAGACGCTGTACGTGGCACATGACTGTACAGTGCCACGTAACAGCACTGTACTT TTCTCCCATAAACAGTTACCTGCCATGTATCTACATGATTGAGAACATTTTGAACAGTTA ATTCTGACACTTGAATAATCCCATCAAAAACCGTAAAAATCACTTTGATGTTGTAACGACA ACATAGCATCACTTTACGACAGAATCATCTGAAAAACAGAACGAATACATACATCT TAAAAATGCTGGGGTGGGCCAGGCACAGCTCACGCCTGTAATCCAGCACTTTGGGAGG CTGAGGCGGGTGGATCACGTAATCCTAGCACTTTGAGGGGAGAGGTGGACAGATCATGA GGTCAAGAGATCAAGACCATCCTGGTCAAAATGGTGAAACCCCGTCTCTACTAAAAATAC AAAAATTAGCTGAGCTTAGTGGCACACCTGTAGTCCCAGCTACTTGGGAGGCTGAGGC ANGAGAATCGCTTGAACCCAGGAGACACAGGCTGCAGTGACTCGAGATCACGCCACTGCA CTCCAGCCTGGCGACAGAGCGAGACTCCATCTCAAAAAAAAAACAACAAAACTGGGGT GAAAATCTAACGGATATTCAGCATTGCCGCATAGAAACCTCCGCANAACCGGCCAAACAA CGCGGACAGGCGCCCTGGCGTCAGCG
Restriction Sites:	NotI-NotI
ACCN:	NM_020710
Insert Size:	2750 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_020710.1](#), [NP_065761.1](#)

RefSeq Size: 2693 bp

RefSeq ORF: 1752 bp

Locus ID: 57470

UniProt ID: [Q8N1G4](#)

Cytogenetics: 1p36.32

Domains: LRR

Protein Families: Druggable Genome