

Product datasheet for **SC107830**

LONRF2 (NM_198461) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LONRF2 (NM_198461) Human Untagged Clone
Tag:	Tag Free
Symbol:	LONRF2
Synonyms:	RNF192
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_198461, the custom clone sequence may differ by one or more nucleotides

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ATGAGCCCCGAGCCGGTCCCGCCGCCGCCGCCAGTGTCTGGCTGCGACCGCGGGAGCCGATCG
CCCAGCGCTTAGAGGAGGGCGACGAGGCCTTCCGCGCGGGCGACTACGAGATGGCAGCCGAGCTCTTTCCG
CTCCATGCTAGCCGGGCTGGCGCAGCCGACCGCGCCTGTGCCTGAGGCTGGGGGACGCGCTGGCCCCG
GCCGGCCGCTCCCCGAAGCCCTGGGCGCGTTCCGCGGCCGCCGCGGCTCGGGGCGCTGCGGCCGAGG
AGCTGGAAGAGCTGGCGGGCGGCTGGTGC GCGCGTGGGCTGCGCGACCGGCCGTGTCCGCGGAGAA
CCCGGGCGGCGAGCCGAGGCGCCCGGCGAGGAGGGCCGCCCGGAGCCCCGCGCGCCCCGCGACCTG
CTCGGCTGCCCGCTGCCGGCGCTGCTGCATAAGCCGGTGACGCTGCCCTGCGGGCTCACAGTCTGCA
AGCGCTGCGTGGAGCCAGGGCCCGCGGCCGCGAGGTGCGGCGCGTGAACGTGGTCTGAGCGGCTGCT
GGAGAAGTGCTTCCCGCCGAGTGCCGGCTGCGCAGGCTGGCAGGCCAGGCGGGAGCCTGCAGCGCCAG
CAGCAGCCGAGGCCGCGCTGCTCAGGTGCGACCAGGCCCTGGAGCTGGCTCCTGATGATAATTCATTAT
TGCTGCTGCGGGCGGAGTTATATTTGACCATGAAGAACTATGAGCAAGCTCTCAAGATGCCAGTGCAGC
TTGTGTCAGAAATGAACCTCTCTTGATTAAAGGACATCAAGTAAAAGCTCAGGCTCTTTCTGGATTGGGAGA
AGTAAGGAAGTGTTAAAGGAATTTCTCTACTGCCTTGCTCTGAATCCTGAATGTAACCTCTGTGAAGAAAG
AAGCACAGAAGGTAATGTGTGAAGTGCTGTTTTAGCTACAGCAAATGTGCATGAAAATTTAACATCTTC
CATCCAAAGCAGATTAAGGGCTCAGGGTCACAGCCACATGAATGCCAGGCTCTGCTGGAAGAAGGTGAT
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TTATACTGGGTCTACACTTTGAAGAGGATAAAAAGGCGTTAGAAAGCATCCTTCCAACAGCACCCAGCGC
TGGCTTAAAGAGACAGTTTCCGGATGACGTGGAGGATGCACCTGACCTGAACGCCCTGGAAAAATCCC
AAGAAAGATCTCTCACTTCAAAGGAGCCAAACTCTGAGACAGAAGAAAGTCAGGGGCTCTCGCTTGATG
TAACTGACTTTGAGTGTGCCCTCTGCATGAGATTGCTCTTTGAACCTGTCACTACGCCCTGTGGACACAC
ATTTTGCCTAAAATGCCTTGAGCGCTGCCCTTGACCACGCCCCACACTGTCTTTGTGCAAAGACAACTT
TCGGAATTATTGGCAAGCAGAACTTTAACATAACTGTTCTGGCCGAAGAATTAATATTTGATATTTGC
CGGATGAATTGTCTGATAGGAAGAGAATTTATGATGAAGAAATGTCAGAACTGTCAAATCTGACCAGAGA
CGTCCCCATCTTTGTGTGTGCCATGGCCTTCCCCACGGTCCCATGTCCACTCCACGTTTTTGAGCCCCGC
TATCGGCTTATGATAAGAAGATGCATGGAACTGGCACCAAGCGGTTTGGCATGTGTTTATCTGCTGAGC
ACGCGGGGCTTTAGAGTATGGATGCATGCTGGAGATTAAGGACGTGAGAACGTTTCTGATGGAAGTTC
TGTTGTAGACGCGATTGGCATCAGTCGGTTCGAGTGCTAAGCCACCGCCACAGAGATGGCTATAACACA
GCGGACATTGAATATCTTGAAGATGAAAAGGTGGAGGGTCCAGAGTATGAAGAACTTGCCGCTCTCCACG
ATTCTGTGCATCAACAGTCTGTTTCTGTTTCGCTCTCTCCAGGATCGCATGAAAGAACAAATTTAAG
TCATTTTGGGGTAATGCCAGACAGAGAACCTGAGCCTCAGAGTAATCCCAGCGGCCCTGCCTGGTCTGG
TGGATCCTGGCCGTGCTGCCCTGGAGCGCAAGGCTCAGCTGGCCATCCTCGGCATGACCTCGCTCAAAG
AGCGGCTCCTTGCCATCCGACGGATATTAGTCATCATCACGCGTAAGATGAATAGTCGGCAAGAGCTGGC
TAATGCCAGGGAGAGAAATAATTGA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_198461 unedited <pre> CGGAGTACCCGGGCGGCGAGCCCGAGGCGCCGCGAGGGAGGGCCGCCCCGGAGCCCC GCGCGCCCCGCGACCTGCTCGGCTGCCCGCGCTGCCGGCGGCTGCTGCATAAGCCGGTGA CGCTGCCCTGCGGGCTCACAGTCTGCAAGCGCTGCGTGGAGCCAGGGCCCGCGCGGCCG AGGTGCGGCGCGTGAACGTGGTCTGAGCGGCCTGCTGGAGAAGTGCTTCCCGCCGAGT GCCGGCTGCGCAGGCTGGCAGGCCAGGCGCGGAGCCTGCAGCGCCAGCAGCAGCCGGAGG CCGCGCTGCTCAGGTGCGACCAAGCCCTGGAGCTGGCTCCTGATGATAATTCATTATTGC TGCTGCGGGCGGAGTTATATTTGACCATGAAGAACTATGAGCAAGCTCTCCAAGATGCCA GTGCAGCTTGTCAGAATGAACCTCTCTTGATTAAGGGACATCAAGTAAAGCTCAGGCTC TTTCTGGATTGGGAAGAAGTAAGGAAGTGTAAAGGGAATNTCTCTACTGCCTTGCTCTG AATCCTGAATGTNACTCTGTGAAGAAAGACAGAAAGGTATGTNGTGAAGTGCTGTTT TCAGCTACAGCAAATGGGCATGAAAATTAACATCTTCCATTCAAACAGATTAAGGCTTAA GGTAACAGCACATGAATGCCAGCTCTGCTGGAAAAGGGAGGCGGGACCTCAAATTAT CCGGGAATCTGATTGCTTGAATACCACTTTAGTTGTATTTAACGGGCTCCCTTCAA AGGTAAAAGGCTGAAAAGATCTTCACAACACCACGCGGTTAAGAAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_198461
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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:	<u>NM_198461.1, NP_940863.1</u>
RefSeq Size:	13920 bp
RefSeq ORF:	13920 bp
Locus ID:	164832
UniProt ID:	<u>Q1L5Z9</u>

Cytogenetics: 2q11.2

Protein Families: Druggable Genome