

## Product datasheet for **SC126522**

### LONRF1 (NM\_152271) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LONRF1 (NM_152271) Human Untagged Clone
Tag:	Tag Free
Symbol:	LONRF1
Synonyms:	RNF191
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_152271, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTCTCCGGCGGTGGCGAGGACCTCCCCAGGAGGGAGTCGGGAGATGGCCCCAGCGCCGAGGGCC
GAGGCCGGTTCCTGGGAAGTGGGCGGCGGCAGCGGCCATCGGCTGGAGCGCGGGCCGGAGTCGGAGCG
CTGGGAGCTGCTGCTCCGCCGCGGGAGCTGCTGGCGCTGGGCGGCCACCTGAAGGGCGCGCTGGAGGCG
TTCGCGGGCGCGCTGCGCCGCGGGGCCCGGCCAGGCCGAGTGCTGGGCGCCCTGGGCGCCCTGGTGGACTGCCTGG
TGTTCAACTACCGGCTCCGCCACGGGCTGGGCTGGAGCGCGGCCCGGTTGCAGGCGCTGACGGCGGCGC
CGGCGGGCTCCTCAGATGCCTGGGCTGCCGGGGCTTCTGAGCGAGCCGGTGACCGTGCCCTGTGGCCAC
AGCTACTGCCCGCTGCCTGCGGAGGGAACCTCCGCGCCCGCTGCCGCCTCTGCCGGACCGGCTGCCGC
CCGCCACCGCCAGTGCCACTGATGCTGAAGGGACCGCCCGCGGCGCCGCTCTGGCCGCCCATCGC
CGCTTCAGACTTCAGAACCAGCGTCGCTCAACCACCTGGCCGAGAAGTGGTTCCGGGCCAGCGCGAG
CGGGCCCGGGCGGCGGCGAGGCTCGGGGAGCTACTGCACCAGGGGCGCTACCGGGAGGCCCTGGCCGCC
CCTGCGAGGCGCTGCGAGCAGAACCAGTGACTTGATTGTAATAATTTACAGAGCGGAATCATATGCTGG
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ACAACCCCTTGCGGACATTGTTCTGTAAGAATTGTCTTGAGCGTTGTTAGATCATGCACCATATTGTC
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ATTAATAGTGAAGTATCTGCCTGATGAAGTGTCTGAGAGAAAAAATATATGATGAAGAACTGCTGAA
CTCTCACACTTGACCAAGAATGTTCCAATATTTGTTGCACTATGGCCTACCCACTGTGCCTTGCCTC
TCCATGATTTGAGCCAAGATACAGATTGATGATTCGAAGAAGTATACAGACTGGAACCAACAGTTTGG
CATGTGTGTCAGTGATACACAAAATAGTTTGCAGATTATGGTTGTATGTTACAAATTAGAAACGTGCAT
TTCTTACCGGACGGAAGTCTGTGGTTGATACAGTTGGAGGAAAGCGGTTTAGGGTTTTAAAAGAGGAA
TGAAAGATGGATATTGCACTGCCGACATTGAATATCTGGAAGATGTTAAGGTTGAGAATGAAGATGAGAT
TAAGAATCTCAGAGAGCTTCATGATTTGGTTTACTCTCAAGCCTGCAGCTGGTTTCAGAATTAAGAGAC
AGATTTGGAAGCCAAATCTTCAGCATTTCGGATCAATGCCCCGAGAGGGAGGAAAACCTTCAGGCAGCCC
CTAATGGACCTGCATGGTGTGGTGGCTTCTTGCAATTCTCCCTGTAGACCCACGATACCAGCTGTCCGT
TTTGTCAATGAAGTCTTTGAAAGAACGGTTGACCAAGATACAGCATATACTGACCTATTTTTCTAGAGAC
CAATCTAAGTAA
    
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_152271 unedited</p> <pre> TTTTGTATACGACTCACTATAGGGCGGCCGCAATTCGCACGAGGCTACCGGGAGGCCCTG GCCGCCGCTGCGAGGCGCTGCGAGCAGAACCCAGTGACTTGATTGTAATAAATTTACAGA GCGGAATCATATGCTGGTCTCCAAGAGTTTAAAGCAGCCATAGAAGATTTAAATGCGATT CTTTTTCAACTCCAGATTGGCCTGAGGCTACTTCAGGAAAGGAAAAGTACTCTGCGAT GCTGGTTTTTTTAGGTGATGCCTTACAACCTTTTCTTCAGTGCTTAGCCCTTGATGAAGAT TTTGACCTGCAAAGCTGCAAGTACAAAAGATTTTATGTGATTTATTATTACCTGAAAAC TTAAAAGAAGGCCTGAAGGAATCTTCCTGGAGTTCATTACCATGTAATAAACAGACCT TTTGATTTTCATTAGTGTGGAAGAGTCTCAGTCTCTCAATGAACCTAGCCCAAAGCAG AGTGAAGAAATACCAGAGGTCACCTCAGAGCCTGTCAAGGAAGCTTAAACCGTGCTCAGT CAGCACAGTCTATAAATCAACAGAAATGCCTGCCAGAGAGGGACTGTTTAAAAAGAGTG TCCTCAGAACCTGTTCTGTCAGTTAAGAAAAAAGGTGTTCTGCTGAAAAGAAAAGTGTCT CTTTTAAACAGGATGTGATTGAAATGAAGATGGAGANATAGCTGAAAACAGGAGCTTAT GTGATATTCAGAGAATAATCGATGCTCAATTTCCAGTGTCTCTGATGAGGTTGTTTTT GAGCAGTAACACCCTTGGACATTCGTCTGAAGAAATGCTGGACGTGGTTAAATATGCAC CTATTGCCTCTTGCAAGAGCTAAAGAGTTCTCAAAA </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_152271 unedited</p> <pre> CAGGGCCAGGAGAGGCACTGGGGAGGGTACAGGGATGCCACCCGGGATCTGTTTCAGGA AACAGCTATGACCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTATTAG GAATTTAGCTTTTATTCAAAATTAATAAGCAAAAGCAAAATTTTAAAGAACTTTTACA AATTACTTACATAAAAGAAAGTTAATAAGGACAGTCACAAATTTGCAACANATAATTACA AAAAGTTTCTAGGCAGCATGAATATAAAACAAGTTGCACCAGGGGGATCTAACTGGGAT ATGAATAAGGCATAACTAACATTTGCCCCGGACCCGAATTTAAAACAAAAACCACTTTA AAAGCTTAGTTCTATATTAACCTTCTTCTTTTTCCAGATCCTTAATGGGTTTATACTA TGCATTTTTTTTTTAAAACAAACACATCATGGCCAACTATTAATACCCCAATGGGCCGGT TATGGGAAAGGCCCTAAAATGGACCAACCAACCGGTACCGGATTGGAGTCTCCCTTA ACCTTTAGTGCCAATTAATGGTAACCAAAATTTCAAGTTTGAATGGTTTATTGATAGA TGCCNAGTCACATGGCAGGTTACCAATGTCTCTGAAAACCTGCTCCTAGGTTCTTGC ATCCATGCCTTTCNNGCACTTGTGATGCANGTANTTACATNANNATAGAACTTGGGCAT AGTCCATGGTCAAGAACAGTTCAACANGAGCAGTATTTCCAACAAAAGATTGATTCTCAC AACGATAATTTACATACTTTGGGCAAAATTAAGCATTAAAGACN </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_152271
<b>Insert Size:</b>	2800 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_152271.2](#), [NP\\_689484.2](#)

**RefSeq Size:** 3584 bp

**RefSeq ORF:** 1251 bp

**Locus ID:** 91694

**UniProt ID:** [Q17RB8](#)

**Cytogenetics:** 8p23.1

**Domains:** RING, LON

**Protein Families:** Druggable Genome, Protease, Transcription Factors