

Product datasheet for **SC318251**

LONRF1 (NM_152271) Human Untagged Clone

Product data:

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| 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>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene ORF sequence for NM_152271 edited
 ATGTCCTCTCCGGCGGTGGCGAGGACCTCCCAGGAGGGAGTCGGGAGATGGCCCCAGCG
 CCGCAGGGCCGAGGCCGGTTCTGGGAAGTGGGCGGCGGCAGCGGCCATCGGCTGGAGCGC
 GCGGCCGCGGAGTCGGAGCGCTGGGAGCTGCTGCTCCGCCGCGGGGAGCTGCTGGCGCTG
 GGCGGCCACCTGAAGGGCGCGCTGGAGGCGTTCGCGGCGGCGCTGCGCCGCGGGGCCCG
 GCCAGGCCCGAGTGCCTGGGCGCCCTGGTGGACTGCCTGGTGTCAACTACCGGCTCCGC
 CACGGCTGGGCTGGAGCGCGGCCCGGTTGACAGGCGCTGACGGCGGCGCGCGGGGCTC
 CTCAGATGCCTGGGCTGCCGGGGCTTCTGAGCGAGCCGGTGACCGTGCCCTGTGGCCAC
 AGCTACTGCCCGCGCTGCCTGCGGAGGGAACCTCCGCGCCCGCTGCCGCCTCTGCCGGAC
 CGGCTGCCGCCGCCACCGCCAGTGCCACTGATGCTGAAGGGACCGCCCCGCGGCCCGCG
 CCTCTGGCGCGCCATCGCCGCTTCAGACTTCAGAACCAGCGTCGTCTCAACCACCTG
 GCCGAGAAGTGGTTTCCGGGCCAGCGGAGCGGGCCCGGGCGCCGCGCAGGCTCGGGGAG
 CTACTGCACCAGGGCGCTACCGGGAGGCCCTGGCCGCCGCTGCGAGGCGCTGCGAGCA
 GAACCCAGTGACTTGATTGTAATAATTTACAGAGCGGAATCATATGCTGGTCTCCAAGAG
 TTTAAAGCAGCCATAGAAGATTTAAATGCAGTTCTTTTTCAACTCCAGATTGGCCTGAG
 GTCTACTTCAGGAAAGGAAAAGTACTCTGCGATGCTGGTTTTTTAGGTGATGCCTTACAA
 CTCTTTCTCAGTGCTTAGCCCTTGATGAAGATTTTGACCTGCAAAGCTGCAAGTACAA
 AAGATTTTATGTGATTTATTATTACCTGAAAACCTAAAAGAAGGCCTGAAGGAATCTTCC
 TGGAGTTCATTACCATGTACTAAAAACAGACCTTTTGATTTTCATTCACTGATGGAAGAG
 TCTCAGTCTCTCAATGAACCTAGCCAAAGCAGAGTGAAGAAATACCAGAGGTCACCTTCA
 GAGCCTGTCAAAGGAAGCTTAAACCGTGCTCAGTCAGCACAGTCTATAAATTCACAGAA
 ATGCCTGCCAGAGAGGACTGTTTAAAAAGAGTGTCTCTTTTGAACAGGATGTGATTGTAAT
 GAAGATGGAAGAAATAAGCTGAAAAAACAAGGAGAAACTCCCAATGAAGTCTGTATGTTT
 TCCTTAGCTTATGGTATATTCCAGAAGAATTAATCGATGTCTCAGATTTGAGTGTCTCT
 CTCTGCATGAGGTTGTTTTTTGAGCCAGTAACAACCCCTTGCGGACATTCGTTCTGTAAG
 AATTGTCTTGAGCGTTGTTTAGATCATGCACCATATTGCCTCTTTGCAAAGAAAGCTTA
 AAAGAGTATCTAGCAGATAGGAGGACTGTGTACACAGCTGTTGGAAGAATTAATAGTG
 AAGTATCTGCCTGATGAACCTGTCTGAGAGAAAAAATATATGATGAAGAAACTGCTGAA
 CTCTCACACTTGACCAAGAATGTTCCAATATTTGTTTGCATATGGCCTACCCCACTGTG
 CCTTGCCCTCTCCATGTATTTGAGCCAAGATACAGATTGATGATTGGAAGAAGTATACAG
 ACTGGAACCAAACAGTTTGGCATGTGTGTCAGTGATACAAAAATAGTTTTGCAGATTAT
 GGTGTATGTTACAAATTAGAAACGTGCATTTCTTACCGACGGAAGGTCTGTGGTTGAT
 ACAGTTGGAGGAAAGCGGTTTAGGGTTTTAAAAAGAGGAATGAAAGATGGATATTGCACT
 GCCGACATTGAATATCTGGAAGATGTTAAGGTTGAGAATGAAGATGAGATTAAGAATCTC
 AGAGAGCTTCATGATTTGGTTTACTCTCAAGCCTGCAGCTGGTTTCAGAAATTTAAGAGAC
 AGATTTGGAAGCCAAATCTTCAGCATTTCCGATCAATGCCCGAGAGGGAGGAAAACCTT
 CAGGCAGCCCCTAATGGACCTGCATGGTGTGGTGGCTTCTTGCAGTTCTCCCTGTAGAC
 CCACGATACCAGCTGTCGGTTTTGTCAATGAAGTCTTTGAAAGAACGGTTGACCAAGATA
 CAGCATATACTGACCTATTTTTCTAGAGACCAATCTAAGTAA

Restriction Sites: Please inquire

ACCN: NM_152271

Insert Size: 3600 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).

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| OTI Annotation: | The open reading frame of this clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_152271.3. |
| 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_152271.3, NP_689484.3</u> |
| RefSeq Size: | 3584 bp |
| RefSeq ORF: | 2322 bp |
| Locus ID: | 91694 |
| UniProt ID: | <u>Q17RB8</u> |
| Cytogenetics: | 8p23.1 |
| Domains: | RING, LON |
| Protein Families: | Druggable Genome, Protease, Transcription Factors |