

Product datasheet for **RN217175**

Lonrf3 (NM_001191585) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lonrf3 (NM_001191585) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lonrf3
Synonyms:	RGD1565451
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217175 representing NM_001191585
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATTCCCTTCAGACCGCACAGATGGTGAGCTTGTCCGCCGAGCTCGGCAGCAACAACCTGGAGCTGG
 CGGAGCCGGAGGAGCCGGCGGCATCGATGGCCGTAGGAGAGTCAGCCGCCCACTCGGAGAAGGTGACACC
 CGAGGGCTCCCAACCTCCCGGGCTCAAGAGCCCGAGCAAGCCAGCCTCTGGCGCCTCGACGCCGCCG
 GAGTGCAAAGTCTGCTCACGCAGGCGGATGCCTTGGCATCCCGGGGACCTTCGGGAAGCCCTCGAGG
 TGTACCGACAGCTCTCCGAGAGGCGAGCTCGTGGCGGAGCAGCTGGAGCAGCTAGTTCGCTGCCTGGC
 CGACAGTATCCCGAAGACGAGCTGATGGCGCCAGCTCCTGCAGACCCGAGCGCCACTTCGAGCTGCTGC
 GCAGCGCGCTGAAAAGGCAGGGGAGGCCGCGGCCGTGGCCCCGAGGTATGGGATGGCTTTAAGTGCA
 GGAAGTGTACGGGTTCTCTCCGACCCGGTGTCCCTGTGGTGGGCCACACCTTTGTAACTGTGCCT
 GGAGCGCGGGCGAGCCGCGATAGGCGCTGCGCTCTGTGGGGTCAAGCTCTCCGCACTCATGGTGGCC
 AGTGGGAGGGCAGCGGGCCGCGCGCTCGGGCCGAGGCGCCACTGCAACTGCGAGTCAACGTGGTAC
 TCAGCGGTCTCCTGGCAAGTTGTTCCCGGGCCCCGCGGAGCGTCAACTCCGGCACGAGGGCAACCG
 GCTGTACCGTGAGCGCCAGGTGGAGCGGCTCTGCTCAAGTACAACGAGGCTGTTCTAGCTCCAAAT
 GACCATTTGCTTTATAGCAATCGGTCCCAATTTATTTACCTTGGAGTCTCATGAGGATGCACTGCATG
 ATGCAGAAATAGCATGTAAGTACGGCCAAATGGGTTTTAAGGCACACTTCAGAAAAGCACAAGCTTTAGC
 CACCCTAGGCAAGGTGAAAGAAGCACTCAGAGAATTTCTACTGTGTATCCCTTGATGGAAGAACAAG
 AGAGCCAGATCTGAAGCGCAAAGGGAGAATTCAGAGCTTCCCCATTGTTCTAATCAGGAGGGAGCAGCAG
 CTAGGGAAGAAAGCAGCAGCCTAGTGAACATGGCTCAAGGAAAGGTGAGTAGAAAAGAACAGAGCGGAA
 AAGTCAGGAAGAAGAGGAACAAGATGCTGCCTCCGTGAGGACCGCAAAATGCCTGGAAAAGAAAGGAAT
 CGTTGCCAAATTGAAACCAAGAAGACACAGAATTGCCTAATAAAGTCTCCAAACAGATCTTCTGCTG
 AGCAGGGGGCCAAACCGGATCTCAGTATCCACTTGGATCTTTTGATGCATCTGACCTTGAATGCTCACT
 GTGTATGAGATTGTTCTATGAGCCAGTCACAACACCTTGTGGGCACACCTTTTGCTTGAATGTCTTGAG
 AGATGCCTGGATCATAATGCAAAGTGTCCACTGTGCAAAGACGTTCTTTTACAGTCTTGGCATCAAGAA
 AATACAGCAAGAATGTAATAATGGAAGAAGTCAAGTAAAGTTCCTACCAGAAGAAGTCAAGGAACGAAG
 AAGGCTTTATGAAGAAGAAATGGAAGAGCTTTCTAACTTAAATAAGAATGTGCCATTTTCGTGTACC
 ATGGCCTATCCCACCGTTCCTTGTCCCTTGACATCTTTGAGCCTGTTACCGCCTGATGATTGCAAGAT
 GTATTGAGACAGGCACAAAACAGTTTGGCATGTGCCTGGAGATCCTGTCAAAGGTTTGCAGAATATGG
 CTGCATCTTGAGATCAGAAATGTCCAATCTTTTCTGACGGCCGATCAGTGGTTGACAGCATAGGCAAG
 AGGCGCTTCAAAGTGTCCATCAGGGTCAACGGGATGGCTACAACACTGCTGACATTGAATACATTGAAG
 ATCAAAAGGTTTCAAGGAGACGATTGTGCTGAACTCGTGGGATTGCATAACTGTGTGTACGAGCAAGCGTC
 ATCATGGTTTCATTCACTCAAAACATCGCTGAAGAATCGGATACTAAATCACTTTGGCCCAATGCCAGAG
 AAGGATGAAGACCCCAAGTCAATCCGAATGGTCCAGCCTGGTGTGGTGGACTGGCGGTTCTTCCC
 TGGAAAGCAGAGCTCAGCTTCCCTTCTAGCAATGAGGTCCTTAAAGGATAGACTGAATGGTATCCGGCC
 TATCCTGGCCTTTATATCGAGAAACCAAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001191585
Insert Size: 2274 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191585.1, NP_001178514.1</u>
RefSeq Size:	2711 bp
RefSeq ORF:	2274 bp
Locus ID:	298322
Cytogenetics:	Xq35