OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC336491

LONRF3 (NM_001289109) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LONRF3 (NM_001289109) Human Untagged Clone
Tag:	Tag Free
Symbol:	LONRF3
Synonyms:	RNF127
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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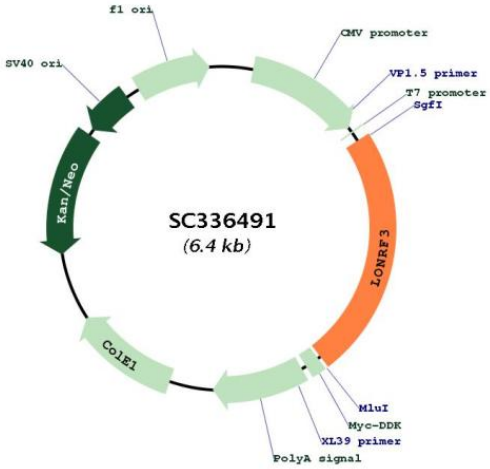
Fully Sequenced ORF:

>SC336491 representing NM_001289109.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGTTTTAAGGCACATTTCAGAAAAGCCCAAGCCTTAGCCACCCTAGGCAAGGTGGAGGAGGCACTA
AGGGAGTTTCTCTACTGTGTATCCCTTGATGGAAAGAACAAGAGAGCAAGATGTGAAGCCCAAAGACTT
CTCCTTAGTTTCTTTTCACCATCAGTCCCGGGGGATTCTCAGGAACATTCTCCCGATATCCTGAAGCTG
TTGGCACCTCACCCTAGATTAAAGGAAAACGTAGAGTCAATGACTACTGAAGTTACCAGCCATAATCTA
CCAAGGTTGTTACAGGACAATCTGGAGCTCCCACATTGTTCTAGTCAGGAGGAAGCAGCAGCCAGGGGA
GATGGCAGCAGTCTGATGGACCCAGCTAAAGTGAAGGGGGATGGTCAGCAGCACCACATGAAAGACCAG
GAAGAAGAGGAGGAGAAGTGGGATGCTACCTCTCCAAAAGCTGCTTCCAGCAAGACTGGAAAATGCCAG
GAAAAGAAAAGGAAACATTGCCAGATTGAATCCCAAGAAGAAACGGGGATGCCTAATAAAGCCTCCAAG
CAAGATCCTCCCACTGATCAGGGGGACAAACCTGCTCTCAGTTTACCACTTGCATCTTTCGACGCATCT
GACCTTGAATGCGCTCTATGTATGAGATTATTCTATGAGCCAGTCACAACACCTTGCGGGCATACTTTT
TGCTTAAAATGCCTAGAAAGATGCCTAGATCACAACGCAAAGTGTCCATTGTGCAAAGACGGTCTTTCA
CAGTGCTTGGCATCAAGAAAATACAGCAAAAATGTAATAATGGAGGAGCTCATAGCTAAATTCCTTCCA
GAAGAACTGAAGGAACGAAGGAAGCTTTATGAAGAGGAAATGGAAGAACTTTCTAACCTTAATAAGAAT
GTGCCTATTTTCGTGTGTACTATGGCCTATCCCACCGTTCCTTGTCCCCTGCACATCTTTGAGCCTTGT
TACCGCCTGATGATTCGTAGATGCATTGAGACAGGCACGAGACAGTTTGGCATGTGCCTTGGAGATCCT
GTCAAAGGGTTTGCAGAATATGGCTGCATCCTAGAGATCAGAAATGTTCAATTCTTTGCTGATGGCCGC
TCAGTGGTTGACAGCATAGGCAAGAGGCGCTTCAGGGTGCTCCATCAGAGCCAGCGGGATGGCTACAAC
ACAGCCGACATTGAATACATTGAAGACCAAAAGGTTCAGGGAGAGGATTGTGCTGAGCTCATGGGATTA
CATAACTGTGTCTATCAGCAAGCATCATTGTGGTTTCATTCGCTCAAATTATCCCTAAAGAATCGGATA
CTCAATCACTTTGGTCCCATGCCGGAGAAAGACGCCGATCCTCAGATGAACCCGAATGGCCCAGCCTGG
TGCTGGTGGATGTTAGCAGTTCTTCCCTTGGAAAGCCGAGCTCAGCTCCCCTTCCTAGCAATGAGGTCC
TTAAAGGACAGACTGAATGGTATTCGACGAGTCCTGGCCTTCATATCCCGAAACCAAAACTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001289109

Insert Size:	1512 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_001289109.1
RefSeq Size:	2898 bp
RefSeq ORF:	1512 bp
Locus ID:	79836
Cytogenetics:	Xq24
Protein Families:	Druggable Genome, Protease
MW:	57.1 kDa
Gene Summary:	The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. Multiple alternatively spliced transcript variants have been suggested, but their full length natures are not clear. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (3) differs in the 5' UTR and coding region, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. This results in a protein (isoform 3) which has a shorter N-terminus, compared to isoform 1.