

## Product datasheet for **RC210975**

### LONRF2 (NM\_198461) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LONRF2 (NM_198461) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LONRF2
Synonyms:	RNF192
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC210975 representing NM\_198461  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCCCGAGCCGGTCCCGCCGCCGCCGCCCCAGTGTCTGGCTGCGACCGCGCGGAGCCGATCG  
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 CTCCATGCTAGCCGGGCTGGCGCAGCCGACCGCGCCTGTGCCTGAGGCTGGGGACGCGCTGGCCCGC  
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 TGGATCCTGGCCGTGCTGCCCTGGAGCGCAAGGCTCAGCTGGCCATCCTCGGCATGACCTCGCTCAAAG  
 AGCGGCTCCTTGCCATCCGACGGATATTAGTCATCATCACGCGTAAGATGAATAGTCGGCAAGAGCTGGC  
 TAATGCCAGGGAGAGAAATAAT

**AGCGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTAA

**Protein Sequence:** >RC210975 representing NM\_198461  
Red=Cloning site Green=Tags(s)

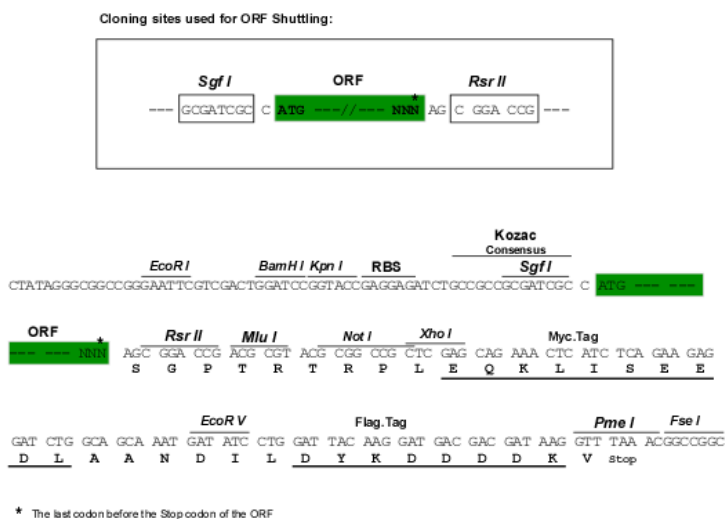
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MSPEPVPPPPPPQCPGCDRAEPIAQRLEEGDEAFRAGDYEMAAELFRSMLAGLAQPDRGLCLRLGDALAR
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QQPEAALLRCDQALELAPDDNSLLLLRAELYL TMKNYEQALQDASAACQNEPLL IKGHQVKAQAL SGLGR
SKEVLKEFLYCLALNPECNSVKKEAQKVMCEVLFSATANVHENLTSSIQSRLKAQGHSHMNAQALLEEGD
AGSSENSESEKSDMLGNTNSSVLYFILGLHFEEDKKALESILPTAPSAGLKRQFPDDVEDAPDLNAPGKIP
KKDLSLQRSPNSETESQGLSLDVTDFECALCMRLLFEPVTTPCGHTFCLKCLERCLDHAPHCLCKDKL
SELLASRNFNITVLAEELIFRYLPDELSDRKRIYDEEMSEL SNL TRDVP IFVCAMAFPTVPCPLHVFEP
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ADIEYLEDEKVEGPEYEELAALHDSVHQQSVSWFASLQDRMKEQILSHFGVMPDREPEPQSNPSGPAWSW
WILAVLPLERKAQLAILGMTSLKERLLAIRRILVIITRKMNSRQELANARERN
  
```

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**ACCN:** NM\_198461

**ORF Size:** 2262 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_198461.4](#)

**RefSeq Size:** 13920 bp

**RefSeq ORF:** 2265 bp

**Locus ID:** 164832

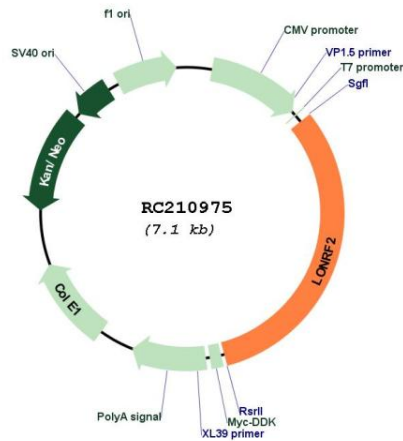
**UniProt ID:** [Q1L5Z9](#)

**Cytogenetics:** 2q11.2

**Protein Families:** Druggable Genome

**MW:** 84.1 kDa

**Product images:**



Circular map for RC210975