

Product datasheet for **RG238597**

LONRF3 (NM_001289109) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LONRF3 (NM_001289109) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LONRF3
Synonyms:	RNF127
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238597 representing NM_001289109.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGGTTTTAAGGCACATTTAGAAAAGCCCAAGCCTTAGCCACCCTAGCAAGGTGGAGGAGGCACTA
AGGGAGTTTCTACTGTGTATCCCTTGATGAAAGAACAAGAGAGCAAGATGTGAAGCCCAAGACTT
CTCCTTAGTTTCTTTTACCATCAGTCCCGGGGATTCTCAGGAACATTCTCCCGATATCCTGAAGCTG
TTGGCACCTCACCTAGATTAAGGAAAACGTAGAGTCAATGACTACTGAAAGTTACCAGCCATAATCTA
CCAAGGTTGTACAGGACAATCTGGAGCTCCACATTGTTCTAGTCAGGAGGAAGCAGCAGCCAGGGGA
GATGGCAGCAGTCTGATGGACCCAGCTAAAGTGAAGGGGGATGGTCAGCAGCACCACATGAAAGACCAG
GAAGAAGAGGAGGAGAAGTGGGATGCTACCTCTCCAAAAGCTGCTCCAGCAAGACTGGAAAATGCCAG
GAAAAGAAAAGGAAACATTGCCAGATTGAATCCCAAGAAGAAACGGGGATGCCTAATAAAGCCTCCAAG
CAAGATCCTCCCCTGATCAGGGGGACAAACCTGCTCTCAGTTTACCCTTGATCTTTGACGCATCT
GACCTTGAATGCGCTCTATGTATGAGATTATTCTATGAGCCAGTACAACACCTTGGGGCATACTTTT
TGCTTAAAATGCCTAGAAAGATGCCTAGATCACAAACGAAAGTGCCATTGTGCAAGACCGTCTTTCA
CAGTGCTTGGCATCAAGAAAATACAGCAAAAATGTAATAATGGAGGAGCTCATAGCTAAATTCCTCCA
GAAGAACTGAAGGAACGAAGGAAGCTTTATGAAGAGGAAATGGAAGAACTTTCTAACCTTAATAAGAA
GTGCCTATTTTCGTGTACTATGGCCTATCCCACCGTTCCTTGTCCTGCACATCTTTGAGCCTGT
TACCGCCTGATGATTTCGTAGATGCATTGAGACAGGCACGAGACAGTTTGGCATGTGCCTTGAGATCCT
GTCAAAGGTTTGAGAATATGGCTGCATCCTAGAGATCAGAAATGTTCAATTCTTTGCTGATGGCCGC
TCAGTGGTTGACAGCATAGGCAAGAGCCGCTTCAGGGTGCTCCATCAGAGCCAGCCGGGATGGTACAAC
ACAGCCGACATTGAATACATTGAAGACAAAAGGTTTCAGGGAGAGGATTGTGCTGAGCTCATGGGATTA
CATAACTGTGTCTATCAGCAAGCATCATTGTGGTTTCATTTCGCTCAAATATCCCTAAAGAATCGGATA
CTCAATCACTTTGGTCCCATGCCGGAGAAAAGACGCCGATCCTCAGATGAACCCGAATGGCCAGCCTGG
TGCTGGTGGATGTAGCAGTTCTCCCTTGAAAGCCGAGCTCAGCTCCCCTTCTAGCAATGAGGTCC
TTAAAGGACAGACTGAATGGTATTCGACGAGTCTGGCCTTCATATCCCGAAACAAAAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238597
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MGFKAHFRKAQALATLGKVEEALREFLYCVSLDGKNKRARCEAQRLLLSFFSPSVPGDSQEHSPIILKL
LAPHPRLKENVESMTTEVTSHNLPRLQDNLELPHCSSQEAAAARGDGSSLMDBPAKVKGDDGQHHMKDQ
EEEEEKWDATSPKAASSKTKCQEKRRKHCQIESQEETGMPNKASKQDPPDQGDKPALSLPLASFDAS
DLECALCMRLFYEPVTTPCGHTFCLKCLERCLDHNACPLCKDGLSQCLASRKYSKNVIMEELIAKFLP
EELKERRKLYEEMEELSNLNKNVPIFVCTMAYPTVPCPLHIFPCYRLMIRRCIETGTRQFGMCLGDP
VKGFAEYGCILEIRNVQFFADGRSVVDSIGKRRFRVLHQSQRDGYNTADIEYIEDQKVQGEDCAELMGL
HNCVYQASLWFHSLKLSLKNRILNHFPMPEKDADPQMNPNPAPWCWMLAVLPLESRAQLPFLAMRS
LKDRNLGIRRVLAFISRQN
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNTVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSDHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

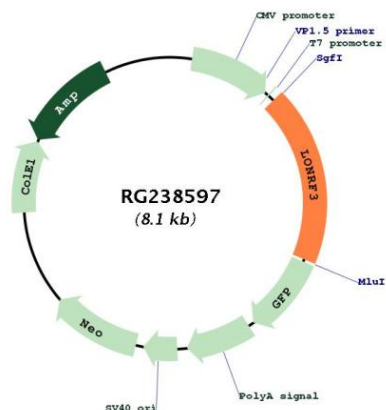
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


- ACCN:** NM_001289109
- ORF Size:** 1509 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).
- RefSeq:** [NM_001289109.1](#), [NP_001276038.1](#)
- RefSeq Size:** 2898 bp
- RefSeq ORF:** 1512 bp
- Locus ID:** 79836
- Cytogenetics:** Xq24
- Protein Families:** Druggable Genome, Protease
- MW:** 57.6 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]

Product images:



Circular map for RG238597