

## Product datasheet for **SC308941**

### RLF (NM\_012421) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RLF (NM_012421) Human Untagged Clone
Tag:	Tag Free
Symbol:	RLF
Synonyms:	ZN-15L; ZNF292L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308941 representing NM_012421. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCGGACGAAAGGGAGACGCCGCCGCTGTCGCCGGGGCTGGGGCTGAGGCTCCGGCGGTAGCGGGA
GCCGGAGATGGAGTCGAGACTGAGTCCATGTTTCGGGGTCATCGCCCCGTATCTCCAGCGCCGGGAGCC
TCGGGACTGCGGCCGTCTGTGGCAGCTGGAGACAGAGCTGAGGGAGCAAGAGGTGTCGGAGGTCTCA
TCTTTGAACTACTGCCGGAGCTTCTGCCAGACCTTATTGCAATATGCAAGCAACAAGAATGCATCAGAA
CATATTGTGTATCTTCTGGAGGTATATCGACTTGCCATCAAAGCTTTGCCAGTGCACGTCCATACTTA
ACTACTGAATGTGAAGATGTCCTCTTAGTCTTGGCAGATTAGTACTGAGTTGTTTCGAATTACTGCTT
TCAGTGTCTGAAAGTGAAGTGCATGTGAAGTCTGGCTACCATTCTTCAGTCTCTACAGGAGTCACAT
GATGCATTATTGGAATTTGGGAATAATAACCTACAATATTGGTTCATGTTACCAAGGAAGGGGTGTGG
AAAAACCCAGTCTTCTTAAAAATCTGTCTCAACAGCCAGTAGAAACGGAGGAAGTCAATAAATTGATT
GCACAAGAAGGACCTTCTTTCTGCAAAATGCGAAATAAACATTTGTTGAAATCTAACTGCATCCCCAG
GCTACTGCTTTATCAAACTATGTGCAAACTAAAGAAATTTCAAATGTGTCATCTTTTCAGCAAGCC
TATATCACATGTTTATGTTCTATGCTCCCTAATGAAGATGCTATTAAGGAGATTGCAAAGTTCGACTGC
AAGGAAGTACTAGACATCATTTGTAATCTGGAATCTGAGGGCAGGATAACACAGCATTTGTTCTTTGT
ACGACTTACCTTACCCAGCAGCTCCAACTGCAAGTGTATATTGTTCTTGGGAACGACTCTTTTTTGG
AGTAAACTGCAAAGAAGAAATTGACCCTTCTTTAGATACTTTTTTGGAGCGCTGTCGTGAGTTTGGTGC
ATAGCTAAAACGCAGCAGCATTTATTTGCCTCATTAGAGTTATACAACTGAAGCACAAGATGCTGGT
CTTGGGGTGTCAATTTTACTGTGTGTCAGAGCTTTCAACTCAGATCAAGTGAAGATGAGGAAATGAAG
GCATCAGTTTGTAAAACAATTGCCTGTCTTTTACCAGAAGATTTAGAAGTTAGACGAGCCTGTCAGCTT
ACAGAATTCTTAATTGAACCCAGTTTGGATGGATTTAATATGTTAGAAGAACTATATTTGCAACCAGAT
CAAAAATTTGATGAAGAAAATGCACCGTTCCAAATCTCTTCGATGTGAGCTCTTACTAGCTTTAAAA
GCCCACTGGCCTTTTGTCTGAGTTTGGGACTGAAAACTTTAAAACGACACTGCCACCAACTTTTA
GGACAAGAAGCCTCAGATTCTGATGATGATTTAAGTGGCTATGAAATGTCCATTAATGACACAGATGTT
```



[View online >](#)

TTAGAGTCATTTCTCAGTGACTATGATGAGGGTAAAGAAGATAAAACAATATAGAAGAAGAGATTTGACA  
GATCAGCATAAGGAGAAAAGAGACAAAAACCTATTGGCTCTTCTGAAAGATATCAGAGGTGGCTTCAG  
TACAAGTTTTTCTGTTTGTATGTAAGCGGGAATGTATAGAGGCTAGAATTTCTTCATCATTCTAAGATG  
CATATGGAAGATGGAATTTACACCTGTCCAGTTTGTATTAATAAATTTAAGAGAAAAGAAATGTTTGT  
CCTCATGTGATGGAGCATGTTAAATGCCACCAAGCAGAAGGGACCGCTCTAAAAAGAAATTAAGTTA  
AAAGGCTCTCAAAGGGTATTTGTCTAAGAGCCCTCTGCAATCCCAGAGCAAAACCATTCAATGAAT  
GACCAAGCCAAAGGAGAGTCTCATGAATATGTCACATTCAGCAAATAGAAGATTTGCCACCTGCAAGAC  
AGAGATTTGTATCCATGTCCCGGTACAGACTGTTCCCGTGTGTTAAGCAATTTAAATACTTAAGTGTG  
CATCTTAAAGCTGAACACCAAAAATATGATGAAAATGCCAAGCACTACTTGGATATGAAAATAGAAGA  
GAGAAGTGTACTTACTGTGACGACATTTTATGTCTGCTTTTACCTTCGAGAGCACGAACAAGTGCAT  
TGTGGGCTCAGCCTTATATGTGTATCTATAGATTGCTATGCTAGGTTTGGATCAGTAAATGAACTA  
CTTAACCATAAACAAAAGCATGACGATCTGCGTTACAAATGTGAATTAATGGCTGTAATATTGTTTTC  
AGTGACTTGGGACAGCTTACCACCATGAAGCACAACACTTTAGGGATGCATCTACACATGCAACTTC  
CTTGGCTGTA AAAAGTTCTATTACTCAAATTTGAATACCAGAATCACCTCTCAATGCATAATGTTGAA  
AATTCAAATGGAGACATAAAGAAATCAGTGAAACTTGAGGAGTCTGCAACAGGTGAAAAGCAAGATTGT  
ATTAATCAGCCCATCTACTTAACCAAACTGATAAATCACATTTACCTGAAGATCTTTCTGTGCAGAA  
TCAGCTAATTCTCAAATAGATACAGAACTGCAGAAAACCTGAAAGAAAACAGTGACAGTAAATCTAGT  
GATCAGTTAAGTCATAGCTCTTCAGCTTCAATGAATGAAGAGCTAATTGACACACTAGATCACTCTGAA  
ACTATGCAGGATGATTGTTATCTAATGAGAAAGTCTTTGGGCCCTCCAGTTTAAAAGAAAAATGTTCC  
AGTATGGCAGTTTGTGTTGACGGGACTAAGTTTACCTGTGGTTTTGATGGCTGTGGTTCCACATACAAA  
AATGCAAGAGGAATGCAGAAACATTTACGGAAGTTTATCCATACCATTTCAAGCCCAAAAAGATAAAG  
ACGAAAGATCTGTTTCCCTCTTTGGGTAATGAACATAATCAGACAACGAAAAGTTGGATGCAGAACCT  
AAACCCCTGCAGATACAAACAGTGACTCCCGAGTGAAGTCTAGATCACAATTTACATTAATGTAATG  
AAACGAGAACATCAAGGTTATTCTCAGAACTCCCTCATTGTTGCTTCTAAAAGGCCCTGTACAGAGGAT  
ACCATGTTGGAACCTCTGTTACGCTTGAACATTTAAGCTTGA AAAACTCAATAACATGGATCTTTC  
TCAGGGTCATTGCAGGGTACCCATCCAGTGGTCTAAGTCTCTTCAGTCAGTTTCATCTATCTCAGAC  
CTTAATTTTCAGAATCAAGATGAAAACATGCCAAGTCAGTACCTTGACAGTTGGCGGCTAAGCCGTTT  
TTCTGTGAGCTTCAAGGATGCAAAATGAATTTGTGACCAGAGAGGCTCTGTTAATGCATTATCTTAAA  
AAGCATAATTATCAAAGAAAAAGTCTTCAGTTAACCATGTTCCAACATCGGTATTCCCATTTCAG  
TGTCAATTTGCCAAAGGTCATTTACAAGAAAAACACACCTTAGGATTCATTAAAAAATAAACATCAA  
ATTGGCAGTGACAGGCAACTCACAACCTATTAGATAATGAAAAGTGTGATCATGAAGGCCCATGTTCA  
GTAGATAGGTTGAAAGGTGATTGTTCTGCAGAACTTGGAGGTGATCCAGTAGTAACTCTGAGAAACCA  
CACTGTATCCTAAAAGGATGAATGTAGTTCTGAAAACAGATTTGGAATCATCTTGTGAAGAAAACAGAA  
AGTAAAACATCTGACATTTATCACAATAGGCAGCCATAGAGAAGAAACAAGAAGGAAGAGAGGGCAGA  
GGTAGCAGGCGAACTGTTGCTAAAGGAAATCTGTGTTATATTTTGAATAAATACCACAAACCATTCCAT  
TGTATTACATAAACTTGAACCTCTCATTACCAATCTAAAAGGCTTAATTCGCCATTACAGAAGTGA  
CATCAGTACAACAAGAAGACGTTATGTTGGAGAAAGCAAAAGCAAGAACCAAAAGGGAACCTGTCAA  
TGTA AAAAGATATTTGCTTGCAAAATAAAGGAATGTAATAAACGCTTCTGTGTTCCAAAGCTCTTGCT  
AAGCACTGTAGTATTCTATAACCTAGACCATATTGAAGAGCCTAAAGTACTTTCCGAAGCTGGATCT  
GCAGCAAGGTTTTCTTGTAACCGCCTCAGTGCCCTGCTGTTTTTATACATTCAACAAGTTGAAGCAC  
CACTTGATGGAACAGCATAATATTGAAGGGGAAATACATTCAGATTATGAAATTCATTGTGATCTTAAT  
GGCTGTGGCCAGATTTTACCCATCGCAGTAATTACTCACAACATGTATATTACCGACATAAAGACTAT  
TATGATGATTTGTTTGAAGCCAGAAAGTAGCAAAATGAGAGACTACTAAGGAGTGA AAAAGGTATGTCAA  
ACAGCTGATACTCAGGGGCATGAACATCAGACCACCAGGAGATCATTTAATGCTAAGTCTAAAAATGT  
GGCTTAATCAAAGAAAAGAAAGCCCAATAAGTTTTAAAACAGAGCTGAGGCCCTCCATATGTGTGTG  
GAGCACTCTGAGCACACACAGTACCCTGCATGGTTCAAGGATGCTTATCTGTGGTGAAGTTGGAGAGC  
AGCATTGTGAGGCATTACAAACGCACTCATCAGATGAGTGTGCTATTTAGAGCAACAGATGGAGAA  
CTTGTTGTTTGCCTTAAGTACGGTACCAAAATTAAGGAGGAACCCCTTCTGAAGCAGATCCCTGTATA  
AAGAAAAGAAAATAGAAGCTGTGAATCAGAGCGCACAGAACACAGCCATTTCCCGGGTGACAGTAGT  
GCACCCATCCAGAACACTGATTGCTGTCAATCAAGTGA AAAAGGATGGAGGTGAGAAAAGGTCATAGAA  
AGCAGCTCAGTATTTGATGCAGATACTCTGCTCTACAGGGGAACTTTGAAATGTAATCATAGTTCCAAA  
ACCACTTCCCTAGAACAGTGAATATAGTTCAGCTCCTCCTCTGTA AAAATAGAAAATTCATACCT

```
AATCCCAATGGGACTGAAAGTGGGACTTATTTCAAGTTTCCAGCTGCCTTTACCAAGGATCAAAGAA
TCAGAAACTAGGCAGCATAGTTCAGGGCAAGAAAACACTGTAAAAATCCAACCCATGTCCCAAAAGAG
AATTTTAGGAAACATTACAGCCCGGTCATTTGATTTGAAGACTTACAAACCTATGGGATTTGAATCT
TCATTTCTGAAATTTATTCAGGAAAGTGAAGAGAAAGAAGATGATTTTGATGATTTGGGAGCCTTCAGAG
CACTTAACATTAAGTAATTTTCACAGTCCAGTAATGATTTAACAGGGAATGTTGTGGCAAATAATATG
GTGAATGACAGTGAACCTGAAGTTGACATACCTCATTCTCCAGTGACTCTACAATTCATGAGAACCTG
ACTGCAATCCCACCTTTAATAGTAGCTGAAACAACAACAGTTCCTTCTTGGAAAACCTGAGGGTTGTA
TTGGACAAAGCATTAAACAGACTGTGGAGAGCTTGCCTTAAAACAGCTTCATTATCTTCGGCCAGTGGTG
GTTCTTGAAAGATCTAAGTTTTCCACACCAATTTTAGACTTATTTCCAACAAAAAGACAGATGAGCTT
TGTGTAGGAAGTTCATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_012421
<b>Insert Size:</b>	5745 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_012421.3</a>
<b>RefSeq Size:</b>	6266 bp
<b>RefSeq ORF:</b>	5745 bp
<b>Locus ID:</b>	6018
<b>UniProt ID:</b>	<a href="#">Q13129</a>
<b>Cytogenetics:</b>	1p34.2
<b>Domains:</b>	zf-C2H2
<b>MW:</b>	218 kDa
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]