

## Product datasheet for **SC210191**

### RFNG (NM\_002917) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** RFNG (NM\_002917) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** RFNG  
**ACCN:** NM\_002917  
**Insert Size:** 854 bp

**Insert Sequence:** >SC210191 3'UTR clone of NM\_002917  
The sequence shown below is from the reference sequence of NM\_002917. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGAAACAGGGGCCCGACCTCTCGGTGACACCAACCACCCGACCCAGGGCTGCCTGGCTCTGTCCC
AGGCGCGGGGAACCAGAGCCCCCTATGGGCTCAGTGGGCTCCCTCAGGTGCCACGCCACACCAGTGAG
ATGCAGGCACCTGGCAGACCTCTGGCTAGCCTGCAGCCCCCTCTCCAGCCCTGGTGGGCTGCGG
TGATGGGTGTTTTGGGAGAACGAAGACAGCCAGGCTGATGGCCAGGGCCGAGTGCCTCCCCCGAC
CCAGCCCCAAGGTTGATCCCACGGGAACAGGCTTCCACCCAGCACTTGCACCTGGGAGGGAGCTGC
CATCCGGGCTCCATTACCTGTTGCTGAAGGCGGGTGTAGGCTGGCTGGGTGTCAAGGAGCAGGCTCCA
GGCCAAGGTCCTGGCCAGCCACGGCCATTGCAAGGGCTCAGCCTGGCAGGCTTTGTGGGGACGCCGC
CCTCTCTGCCGAGGCTGGGTGCACGGCCGGGCACCACAGTGGGACTCAGGCCCGGAAGGTCATGTTT
TCGACCAGAGCTTTGCTCCAGTCCAGGCGCCTCATTGAGGCTCTTGACTGGGACCACAGAGATGT
TTTCTCCGCTCTGACTTGTGGCTCAGGACTACTTTCTGGGTCGTGCTCCTGCCCACTGTGCCTGGGCC
CATAAACAAACAGGAGCCTTTTGTCCGCTGACCTGCCATCCCAGCAGACCCACCTCCCCGCTGGTGC
CTTCCATGGAGGAAATGGGACAGGGCCGTCATCTCCCCTCTGCCTCCTGCTTTGCTGTTGCCAGCA
CGAGTAAAGCTTTTGTCTTACTTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_002917.2</a>
<b>Summary:</b>	Glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules. Modulates NOTCH1 activity by modifying O-fucose residues at specific EGF-like domains resulting in enhancement of NOTCH1 activation by DLL1 and JAG1. May be involved in limb formation and in neurogenesis.[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	5986
<b>MW:</b>	30.8