

## Product datasheet for **SC115021**

### **RNF11 (NM\_014372) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RNF11 (NM_014372) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF11
Synonyms:	CGI-123; SID1669
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

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>OriGene sequence for NM_014372 edited
GAATTCGGCACGAGGGCGGACGCCCGCGCCAGCCTTGATCCCCAACCCCGGGGGCTGG
CATGAGCGGCCCTCGGCGGCACCGTGGGGCGGTGGAGTCGCCTCCGCTGATCCCCGGC
CTGTGCGCCGACCCACCTCGCAACCGAGGGGACCGCGGAGTGTGCGAACGACCCAC
CGCTGCTTTCTCTCCCCAGATCAGCACCCAGCTCCGGAAGATGGGGAACGCCTCA
AATCCCCACCTCGGATGACATCTCCCTGCTTCACGAGTCTCAGTCCGACCGGGTAGCT
TTGGCGAGGGGACGGAGCCGGATCAGGAGCCGCCGCCATATCAGGAACAAGTTCCAG
TTCCAGTCTACCACCAACACCTAGCCAGACTTGGCTAGCAACTCAGCTGACTGAAGAGG
AACAAATTAGGATAGCTCAAAGAATAGGTCTTATACAACATCTGCCTAAAGGAGTTTATG
ACCCTGGAAGAGATGGATCAGAAAAAAGATCCGGGAGTGTGTATCTGTATGATGGACT
TTGTTTATGGGGACCAATTCGATTTCTGCCGTGCATGCACATCTATCACCTGGACTGTA
TAGATGACTGGTTGATGAGATCCTTCACGTGCCCTCCTGCATGGAGCCAGTTGATGCAG
CACTGCTTTCATCCTATGAGACTAATTGAGCCAGGGTCTTATCTGACTTCAAGTGAAC
CACCATTTTGGTGGTTTTGATCTTTTGTACTGAGCCAAAGAGCCAGGGATTAGGAATT
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GACCCAATGTTTTAAAAATAAATTGTATTTAGATCTTGTATTGTCCAGTACATAGGAA
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ACACTGGCACACAAAAAGTAGTTTTAAGCTTGTGGCACAGTTCTTTTTTCCATTG
GAAATGGAATTCATTGCCTTAGGCTTTTTAAATAGTGTATTATATCGTTGGGGCTGGC
TCTATGCTTGAAAACAGTTTTATTATAACCTGTTATAAGTGTATATTCTGTTTGACAT
TAGGAAAATGCAGAAATCAAGTGATCTCCTAGCTTGTAAAGCAAACTGAGATGCACATCC
CTTTTCTATAAAAAAAGTTAATGTGTCAGAAXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXTATTGAAGTTATACAAAACACATCTCAGTCTCTGTTTCTTGAAAAGGTATCTATT
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TCTGAAGTGTAGAGGTAGAGATGGTCTAGTAAAGATGTAGTAGTAATGTTTTATCCATT
TAGCATGTGTTTATTTTTTCATATGTACTCAAAGGTGACTTATTGGTTCACCTCAGTGAT
ATTACAGCTAAAAAATCATTATTAGCAAAAGGAAAAGTGGTCTCAACCTAACATCAGA
AGTGTTCCTTATTATTATTTTATATTGAGTTGAATATTGAACTCTAACAGTTTTCTACAT
ACAAAACACAGTGTATGAAGGTTATTCATAATTGCATTATAGAGGAATGTAGTATGTCA
TAAGTACTTTGTAAGATTTGACATTCAACTGTAGTATCCATATGTTGCTTAAATTTCT
TATGAGCCCATGATGGAAGACTTAAAGATGAATTTGAGAAAAATTGAAAGAAATTAGA
TTATCAGTTCGTTAAATTTGTTACATGTATCTTGCTTAAATTTCTGTTTATTAATTTAT
ATCCACCAAGTACATAAAGCAAATTTGGAGGAAACAACCTGAAGTTGTGCAATATTTTCT
GATAATTGCTTTTTTTTATTCTTGTTTTTCTACTTAAACATAATGTCTGTGTCATCAAGT
ATTATAGTCAGACTTTTTTTTTTTCTAGATTGTTAAAATTTGGCAATGAACTTTTTTAA
AAATCAAAAAAAAAAAAAAAAAAACTCGAC
    
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_014372 unedited</p> <pre> TTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGGCGGAGCCCGCGGCCAG CCTTGATCCCCAACCCCGGGGCTGGCATGAGCGGCCCTCGGCGGCACCGTGGGGCGG TGGAGTCGCCTCCGCCTGATCCCCGGCCTGTGCCCCGACCCACCTCGCCAACCGAGGCG GACCGCGGAGTGTGCGAACGACCCACCCTGCTTTCTCTCCCCAGATCACGCACCCC AGCTCCGGAAGATGGGGAACGCCTCAAATCCCCACCTCGGATGACATCTCCCTGCTTC ACGAGTCTCAGTCCGACCGGGCTAGCTTTGGCGAGGGGACGGAGCCGGATCAGGAGCCGC CGCCGCCATATCAGGAACAAGTTCCAGTTCAGTCTACCACCCAACACCTAGCCAGACTT GGCTAGCAACTCAGTCTGACTGAAGAGGAACAAATTAGGATAGCTCAAAGAATAGGTCTTA TACAACATCTGCCTAAAGGAGTTTATGACCCTGGAAGAGATGGATCAGAAAAAAGATCC GGGAGTGTGTGATCTGTATGATGGACTTTGTTTATGGGGACCAATTCGATTTCTGCCGT GCATGCACATCTATCACCTGGACTGTATAGATGACTGGTTGATGAGATCCTTCACGTGCC CCTCTGCATGGAGCCAGTTGATGCAGCACTGCTTTCATCCTATGAGACTAATTGAGCCC AGGGTCTCTTATCTGACTTCAAGTGAACCACATTTTGGTGGGTTTTGAATCTTTGTCA CTGAGCCCAAAGAGCCAGGGATTANNGATTTAAGATCGTGACANAAGTTTTCTTTAAAT TCCTGGATGGCTGCANATGTTGGGGGAAAAAGTACGTGATATTTAGAAACTAGTG </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_014372 unedited</p> <pre> NTTTCCCCACCCCNACNACNACCCCTCAAATCCCCCTTGACTTTGGAACCTCGGN CCGGCATCTANGATCGAGTTTTTTTTTTTTTTTTTTTTGGTTTTTAAAAAGTTCATTTGCCA ATTTTAAACATCTAGAAAAAAGAAAAGTCTGACTATAATACTTGATGACACAGACATTA TGTTTAAAGTAGAAAAACAAGAATAAAAAAGCAATTATCAGAAAAATTTGCACAACCTC AGTTGTTTCTCCAAATTTGCTTTATGTACTTGGGTGGATATAAATTAATAAACGAAAT TTAAGCAAGATACATGTAACAATTTAACAGAACCTGATAATCTAATTTCTTTCAATTTTT CTCAAATTCATCTTTAAGTCTTTCCATCATGGGGCTCATAAGGAAATTTAAGCAACATAT GGATACTACAGTTGAATGTCAAATCTTTACAAAGTACTTATGACATACTACATTCCTCTA TAATGCAATTATGAATAACCTTCATGCACTGTGTTTTGTATGTAGAAAAGTGTAGAGT TCAATATTCAACTCAATATAAAATAATAAAGAAACACTTCTGATGTTAGGTTGAGACC ACTTTTCTTTTGCTAATGAATGATTTTTTTAGCTGTAATATCACTGAGGTGAACCAATA AGTCACCTTTGAGTACATATGAAAAAATAAACACATGCTAAATGGATAAAACATTACTAC TACATCTTTACTAGACCATCTCTACCTCTACACTTCAGAAGCTTAGAGATTTAAAGTATT CTTACATTAACTGCAAGAAACAAAGGAGGAAATTCCTTCTTTTTGAGAACACACCTATGA AGTCATATGGGTTATACAAATCTTGCGTTTGTGTGCAAAACATAAAATACAATATCTTT AATCTCCCTGTCTATNTTGGCCAGCCACCTGCCGGATGTAAGATACCTTN </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014372
<b>Insert Size:</b>	2660 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>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).

**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\\_014372.3](#), [NP\\_055187.1](#)

**RefSeq Size:** 3139 bp

**RefSeq ORF:** 465 bp

**Locus ID:** 26994

**UniProt ID:** [Q9Y3C5](#)

**Cytogenetics:** 1p32.3

**Domains:** RING

**Protein Families:** Druggable Genome

**Gene Summary:** The protein encoded by this gene contains a RING-H2 finger motif, which is known to be important for protein-protein interactions. The expression of this gene has been shown to be induced by mutant RET proteins (MEN2A/MEN2B). The germline mutations in RET gene are known to be responsible for the development of multiple endocrine neoplasia (MEN). [provided by RefSeq, Jul 2008]