

## Product datasheet for **SC319731**

### **RNF13 (NM\_183384) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RNF13 (NM_183384) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF13
Synonyms:	2010001H16Rik; ring finger protein 13; Rzf; RZF, MGC13689
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:** >OriGene sequence for NM\_183384.1  
 GGGGGCCTAGGTGTTGTCGTCCTGCTAGTACTCCGGGCTGTGGGGTTCGGTGC GGATA  
 TTCAGTCATGAAATCAGGGTAGGGACTTCTCCCGCAGCGACGCGGCTGGCAAGACTGTTT  
 GTGTTGCGGGGGCCGACTTCAAGAGAGAAAGAGAGAGTGGGCAGACATCGAAGCCAAAC  
 AGCAGTATCCCGAAGCACTCATGCAACTTTGGTGGCGGCCACTCAGTTTTCTCTGCCAG  
 TGTCTGGTGATTTTACAACGAGATGCTGCTCTCCATAGGGATGCTCATGCTGTCAGCCAC  
 ACAAGCTACACCATCTTGACTGTCCAGCTCTTTGCATTCTTAAACCTACTGCCTGTAGA  
 AGCAGACATTTTAGCATATAACTTTGAAAATGCATCTCAGACATTTGATGACCTCCCTGC  
 AAGATTTGGTTATAGACTTCCAGCTGAAGTTTAAAGGGTTTTTTGATTAACCTAAAAACC  
 AGAGAATGCCTGTGAACCATAGTGCCTCCACCAGTAAAAGACAATTCATCTGGCACTTT  
 CATCGTGTAAATAGAAGACTTGATTGTAATTTTATATAAAGGTTTTAAATGCACAGAG  
 AGCAGGATACAAGGCAGCCATAGTTCACAATGTTGATTCTGATGACCTCATTAGCATGGG  
 ATCCAACGACATTGAGGTAATAAGAAAATGACATTCATCTGTCTTTATTGGTGAATC  
 ATCAGCTAATTTCTGAAAGATGAATTCACATATGAAAAAGGGGCCACCTTATCTTAGT  
 TCCAGAATTTAGTCTTCTTTGGAATACTACCTAATCCCTTCTTATCATAGTGGGCAT  
 CTGTCTCATCTTGATAGTCATTTTCATGATCACAAAATTTGTCCAGGATAGACATAGAGC  
 TAGAAGAAAACAGACTTCGTAAGATCAACTTAAGAAAATTCCTGTACATAAATTCAGAA  
 AGGAGATGAGTATGATGTATGTGCCATTTGTTGGATGAGTATGAAGATGGAGACAAACT  
 CAGAATCCTTCCCTGTTCCCATGCTTATCATTGCAAGTGTGTAGACCCTTGGCTAACTAA  
 AACCAAAAAACCTGTCCAGTGTGCAAGCAAAAAGTTGTTCTTCTCAAGGCGATTGAGA  
 CTCTGACACAGACAGTAGTCAAGAAGAAAATGAAGTGACAGAACATACCCCTTTACTGAG  
 ACCTTTAGCTTCTGTGAGTGCAGTCAATTTGGGGCTTTATCGGAATCCCGCTCATATCA  
 GAACATGACAGAATCTTCAGACTATGAGGAAGACGACAATGAAGATACTGACAGTAGTGA  
 TGCAGAAAATGAAATTAATGAACATGATGTCGTGGTCCAGTTGCAGCCTAATGGTGAACG  
 GGATTACAACATAGCAAATACTGTTGACTTTTCAAGAGATGATTGGTTTTTTCCCTTTA  
 AAATGATTAGGTATATACTGTAATTTGATTTTTTCTCCCTTCAAAGATTTCTGTAGAAA  
 TAACCTATTTTTTAGTATTCTACAGTTTAAATCAAATACTGAAACAGGACTTTTGATCTG  
 GTATTTATCTGCCAAGAATATACTTCATTCACATAATAAGACTGGTGTGTAACCAAG  
 CATCAATTCAGCTCTTCTTTGGAATGAAAGTATAGCCAAAACATAAAAAAAAAAAAAAAT  
 CCTCAGTATAGCTTGAATTAAGACCTAGATCACAGTATTTAAGTGTGTTTGCCTTTATA  
 CATGAGGTCAGTGTACAGCCACCTAGCATGAACTAACCCAGCTTCCACCTCCATAAAGT  
 TACCTAGAGTTGTTGAGTTGGAATATGTTCTGGCATTACCTGACCTGCCAATCATTAGG  
 GAGAGGCAACAAGTAATTCAGCCTTTCCTCCTATCAGCACAAAGAAAACCTCAAAGCTGTT  
 TTTCCCTTTCTGTTCCAAAGCAGTCTTATCCTGACAGGAGCGGTCTATACTAGTGCAGA  
 TTTCAACACTTTTTTTAACGTTTTAATTAATAAGTGTATGTAGAGATTTGATTGAGC  
 AGCTAATGTTTCTGAACTTTACTTACTAATTTTTCAGTGTCTTAAAGGTTCTGTAGTGT  
 ATCAAAGCAAAAAGAAAATGCTGCATAAAAATACCAAACCTCAGCAACTGTTAATACTCA  
 GATCATATACCTTTAATAAATAGCATCTTATGCTAATTAGCCCTGCTAAACTATGTACA  
 GAGGAAACTGTTCAAGTATTGGATTTGAAAGTAAGTACTTATGTTTAAACAGAACTAATG  
 ATGATTGAAACACTGTATTATGAAAAGCTAAATTATACATCATTGTAACATGTAGAAA  
 GTGTAGACTAATGTATAATCAAATGCTAAGGATTTTTATATGGCCTGTATGAGGGGAG  
 TTTGAATGTTAATAAACATGTTTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_183384

**OTI Disclaimer:** 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_183384.1</a> , <a href="#">NP_899240.1</a>
<b>RefSeq Size:</b>	2652 bp
<b>RefSeq ORF:</b>	543 bp
<b>Locus ID:</b>	11342
<b>Cytogenetics:</b>	3q25.1
<b>Protein Families:</b>	Druggable Genome, Protease, Transmembrane
<b>Gene Summary:</b>	<p>The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. The specific function of this gene has not yet been determined. Alternatively spliced transcript variants that encode the same protein have been reported. A pseudogene, which is also located on chromosome 3, has been defined for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (5) lacks three exons in the 5' region and uses a downstream AUG start codon, as compared to variant 1. The resulting isoform (3) has a shorter N-terminus compared to isoform 1.</p>