

## Product datasheet for **SC337287**

### **RNF98 (TRIM36) (NM\_001300759) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RNF98 (TRIM36) (NM_001300759) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM36
Synonyms:	ANPH; HAPRIN; RBCC728; RNF98
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001300759, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGGCGATGGCTCAGATTCGCCGGTTACCATTAAGAATATCGAAAGGGAGCTCATTGGCCAGCAT
GCAAGGAGCTGTTTACCCACCCATTGATTCTCCCTTGCCAACATAGTATCTGTCATAAATGTGAAAAGA
ACTCCTGCTGACTCTCGATGATTCAATCAACGATGTGGGATCAGACAACCTCAATCAAAGCAGCTCCTCGA
CTTCGGCTCCCCTCCCCTAGTATGGATAAAATTGACCGAATTAACAGACCAGGCTGGAAGCGCAATTCAT
TGACCCCGAGGACAACCTGTTTTCCCTTGCCCTGGCTGTGAGCATGATGTGGATCTTGAGAACGAGGAAT
CAATGGTCTGTTTCGAAACTTCACTTTGAAAATATTGTGAAAAGATATCGTCAAGCAGCTAGGGCAGCC
ACAGCCATTATGTGTGACCTTTGTAACCACCACCTCAAGAATCCACAAAAAGCTGCATGGACTGTAGTG
CAAGTTACTGCAATGAATGCTTCAAATTCATCACCTTGGGGTACTATAAAAGCTCAACATGAGTATGT
TGGTCCAATACTAATTCAGACCCAAGATTTAATGTGCCCAGAACATGAAACAGAGAGAATAAACATG
TACTGTGAATTATGTAGGAGGCCAGTTTCCCATCTGTGTAAGTTGGTGGTAATCATGCCAACCCCGTG
TAACCACTATGAGCAGTGCTACAAAACCTTAAGGAAAAGCTTCAAAGGATATTGATTACCTTATTGG
TAAGGAAAAGCCAGGTGAAGAGTCAAATATCTGAACTAACTTGTAAATGAAAGAAAACAGAGTGTAATGGA
GAGAGGGCTAAAGAAGAAGCAATTACACATTTTAAAAGCTCTTTGAAAGTCTGGGAGAGAGGAAATCAT
CTGTTTTGAAAGCAATTGACTCCTCTAAGAAAATAAGATTAGACAAATTTAGACTCAAATGGAAGAGTA
CCAGGGACTTCTAGAGAACAATGGACTTGTGGGATATGCTCAAGAAGTGCTAAAGGAGACAGATCAGTCT
TGCTTTGTGCAGACAGCAAAGCAGCTCCACCTCAGAATACAGAAAGCCACAGAATCTTTGAAGAGCTTTA
GACCTGCAGCTCAGACTTCTTTGAAGACTATGTTGTTAATACCTCTAAACAAACAGAATCTTTGGAGA
ATTATCCTTTTTCTCTAGTGGCATAGACGTGCCAGAGATCAATGAGGAACAGAGCAAAGTTTATAACAAT
GCCTTGATAAATTGGCACCATCCAGAAAAGGATAAAGCTGATAGCTATGTTCTTGAATATCGGAAAATCA
ATAGAGATGATGAAATGTCATGGAATGAGATAGAAGTGTGTGGAACAAGTAAAATAATCAAGACTTGGA
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TTGATTCTTCACTCCTCCAGCTCCAGTTTTAGCTTCTCTTTGATGAAAAATGTGGCTATAATAATG
AACACCTCCTGTGAACCTGAAGAGAGACCGTGTAGAGAGTAGAGCTGGATTTAATCTTCTGCTTGTGC
AGAACGCATCCAAGTGGGTTATTACACAAGCTTAGACTACATCATTGGAGATACTGGCATTACAAAAGGA
AAACACTTCTGGGCTTCCGTGTGGAACCATATTCATACCTGGTAAAAGTGGGAGTTGCTTCTAGCGATA
AACTACAAGAATGGCTCCGTTCTCCCGGGATGCAGTTAGTCCAAGATATGAGCAAGACAGTGGGCATGA
CAGTGAAGTGAAGTGCCTGTTTTGATCTTCCACAACCATTTACCTTAGTTACTATAGGCATGCAGAAA
TTTTTATACCCAAGTCACCTACTTCTTCTAATGAACCTGAAAATAGAGTTCTCCCTATGCCAACAGTA
TTGGGATTTTCTTACTGTGATAAAGGCAAAGTAGATTTCTATGATATGGATCAGATGAAATGCCTTTA
TGAACGCCAAGTGGACTGTTACATACACTGTATCCAGCATTTCATTAAATGGGCAGTGGAGGAATTCAG
CTTGAAGAAGCCATCACAGCAAAATATCTGGAATACCAAGAGGACATGTAG
    
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**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001300759

**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).

**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).

<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_001300759.1</a> , <a href="#">NP_001287688.1</a>
<b>RefSeq Size:</b>	4240 bp
<b>RefSeq ORF:</b>	2151 bp
<b>Locus ID:</b>	55521
<b>UniProt ID:</b>	<a href="#">Q9NQ86</a>
<b>Cytogenetics:</b>	5q22.3
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (5) has an alternate 5' terminal exon, compared to variant 1. The resulting isoform (5) is shorter and has a distinct N-terminus, compared to isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>