

## Product datasheet for **RC238941**

### **RNF98 (TRIM36) (NM\_001300752) Human Tagged ORF Clone**

#### **Product data:**

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Product Type:             | Expression Plasmids                                  |
| Product Name:             | RNF98 (TRIM36) (NM_001300752) Human Tagged ORF Clone |
| Tag:                      | Myc-DDK                                              |
| Symbol:                   | RNF98                                                |
| Synonyms:                 | ANPH; HAPRIN; RBCC728; RNF98                         |
| Mammalian Cell Selection: | Neomycin                                             |
| Vector:                   | pCMV6-Entry (PS100001)                               |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                 |



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**ORF Nucleotide Sequence:**

>RC238941 representing NM\_001300752  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTGTGACCTTTGTAACCACCACTCAAGAATCCACAAAAAGCTGCATGGACTGTAGTCAAGTTACT  
 GCAATGAATGCTTCAAAATTCATCACCTTGGGTACTATAAAAGCTCAACATGAGTATGTTGGTCCAAC  
 TACTAACTTCAGACCCAAGATTTAATGTGCCAGAACATGAAACAGAGAGAATAAATCATGTACTGTGAA  
 TTATGTAGGAGGCCAGTTTGCCATCTGTGAAGTTGGGTGGTAATCATGCCAACACCGTGAACCACTA  
 TGAGCAGTGCCTACAAAACCTTAAAGGAAAAGCTTTCAAAGGATATTGATTACCTTATTGGTAAGGAAAAG  
 CCAGGTGAAGAGTCAAATATCTGAATAAATTGTTAATGAAAGAAACAGAGTGAATGGAGAGAGGGCT  
 AAAGAAGAAGCAATTACACATTTTGAAGGCTCTTTGAAGTTCTGGAAGAGAGGAAATCATCTGTTTTGA  
 AAGCAATTGACTCCTCTAAGAACTAAGATTAGACAAATTCAGACTCAAATGGAAGAGTACCAGGGACT  
 TCTAGAGAACAATGGACTTGTGGGATATGCTCAAGAAGTCTAAAGGAGACAGATCAGTCTTGCTTTGTG  
 CAGACAGCAAAGCAGCTCCACCTCAGAATACAGAAAGCCACAGAATCTTTGAAGAGCTTTAGACCTGCAG  
 CTCAGACTTCTTTGAAGACTATGTTGTTAATACCTCTAAACAAACAGAACTTCTTGAGAAATTATCCTT  
 TTTCTCTAGTGGCATAGACGTGCCAGAGATCAATGAGGAACAGAGCAAAGTTTATAACAATGCCTTGATA  
 AATTGGCACCATCCAGAAAAGGATAAAGCTGATAGCTATGTTCTTGAATATCGGAAATCAATAGAGATG  
 ATGAAATGTCATGGAATGAGATAGAAGTGTGTGGAACAAGTAAATAATTCAAGACTTGGAAAACAGTAG  
 TACCTATGCTTTCAGAGTAAGAGCTTACAAGGGTTCAATCTGTAGTCTTGCAGCAGAGAATTGATTCTT  
 CATACTCCTCCAGCTCCAGTTTTCAGCTTCTCTTTGATGAAAAATGTGGCTATAATAATGAACACCTCC  
 TGCTGAACCTTGAAGAGAGACCGTGTAGAGAGTAGAGCTGGATTTAATCTTCTGCTTGCTGCAGAACGCAT  
 CCAAGTGGGTATTACACAAGCTTAGACTACATCATTGGAGATACTGGCATTACAAAAGGAAAACACTTC  
 TGGGCCTTCCGTGTGGAACCATATTACACCTGGTAAAAGTGGGAGTTGCTTCTAGCGATAAACTACAAG  
 AATGGCTCCGTTCTCCCGGGATGCAGTTAGTCCAAGATATGAGCAAGACAGTGGGCATGACAGTGAAG  
 TGAGGATGCCTGTTTGTATTCTTACAACCATTTACCTTAGTTACTATAGGCATGCAGAAATTTTTTATA  
 CCCAAGTCACCTACTTCTTAATGAACCTGAAAATAGAGTTCTCCCTATGCCAACAGTATTGGGATTT  
 TCCTTGACTGTGATAAAGGCAAAGTAGATTTCTATGATATGGATCAGATGAAATGCCTTTATGAACGCCA  
 AGTGGACTGTTACATACACTGTATCCAGCATTTGCATTAATGGGCAGTGGAGGAATTACGCTTGAAGAA  
 CCCATCACAGCAAATATCTGGAATACCAAGAGGACATG

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC238941 representing NM\_001300752  
 Red=Cloning site Green=Tags(s)

MCDLCKPPPQESTKSCMDCSASYCNECFKIHHPWGTIKAQHEYVGPTTNFRPKILMCPEHETERINMYCE  
 LCRRPVCHLCKLGGNHANHRVTTMSSAYKTLKEKLSKDIDYLGKESQVKSQISELNLLMKETECNGERA  
 KEEAITHFEKLFVLEERKSSVLKAIDSSKKLRDKFQTQMEYQGLLENGLVGYAQEVKEDTQSCFV  
 QTAKQLHLRIQKATESLKSFRPAAQTSFEDYVVNTSKQTELLGELSSGIDVPEINEEQSKVYNNALI  
 NWHHPKDKADSYVLEYRKINRDEMSWNEIEVCGTSKIIQDLENSSTYAFVRVAYKGSICSPCSRELIL  
 HTTPAPVFSFLFDEKCGYNNEHLLNLKRDRVESRAGFNLLAAERIQVGYTSLDYIIGDTGITKGKHF  
 WAFRVEPYSLVKVGVASSDKLQEWLRSRDAVSPRYEQDSGHDGSEDACFDSSQPFTLVITGMQKFFI  
 PKSPTSSNEPENRYLPMPTSIGIFLDCDKGKVDFYMDQMKCLYERQVDCSHTLYPAFALMGSGGIQLEE  
 PITAKYLEYQEDM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_001300752

**ORF Size:** 1719 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001300752.2](#)

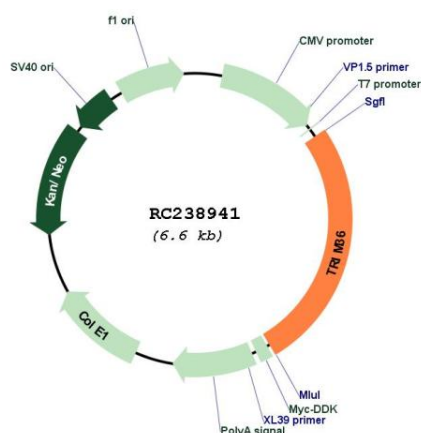
**RefSeq Size:** 4221 bp

**RefSeq ORF:** 1722 bp

**Locus ID:** 55521

|                   |                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt ID:       | <u><a href="#">Q9NQ86</a></u>                                                                                                                                                                                                                                                                                                                                            |
| Cytogenetics:     | 5q22.3                                                                                                                                                                                                                                                                                                                                                                   |
| Protein Families: | Druggable Genome                                                                                                                                                                                                                                                                                                                                                         |
| MW:               | 66 kDa                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Summary:     | 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] |

## Product images:



Circular map for RC238941