

Product datasheet for **RG238941**

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:	TurboGFP
Symbol:	RNF98
Synonyms:	ANPH; HAPRIN; RBCC728; RNF98
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238941 representing NM_001300752.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGTGTGACCTTTGTAACCACCACCTCAAGAATCCACAAAAAGCTGCATGGACTGTAGTCAAGTTAC
TGCAATGAATGCTTCAAATTCATCACCTTGGGGTACTATAAAAGCTCAACATGAGTATGTTGGTCCA
ACTACTAACTTCAGACCCAAGATTTTAATGTGCCAGAACATGAAACAGAGAGAATAAACATGACTGT
GAATTATGTAGGAGGCCAGTTTGCCATCTGTGTAAAGTTGGGTGTAATCATGCCAACCCGTGTAACC
ACTATGAGCAGTGCCTACAAAACCTTAAAGGAAAAGCTTTCAAAGGATATTGATTACCTTATTGGTAAG
GAAAGCCAGGTGAAGAGTCAAATATCTGAACTAACTTGTAAAGAAAGCAGAGTGAATGGAGAG
AGGGCTAAAGAAGAAGCAATTACACATTTTAAAAGCTCTTTGAAGTTCTGGAAGAGAGGAAATCATCT
GTTTTGAAAGCAATTGACTCCTTAAGAACTAAGATTAGACAAATTCAGACTCAAATGGAAGAGTAC
CAGGGACTTCTAGAGAACAATGGACTTGTGGGATATGCTCAAGAAGTCTAAAGGAGACAGATCAGTCT
TGCTTTGTGCAGACAGCAAAGCAGCTCCACCTCAGAATACAGAAAGCCACAGAATCTTTGAAGAGCTTT
AGACCTGCAGCTCAGACTTCTTTGAAGACTATGTTGTTAATACCTCTAAACAAACAGAACTTCTTGA
GAATTATCCTTTTTCTCTAGTGGCATAGACGTGCCAGAGATCAATGAGGAACAGAGCAAAGTTTATAAC
AATGCCTTGATAAATTGGCACCATCCAGAAAAGGATAAAGCTGATAGCTATGTTCTTGAATATCGGAAA
ATCAATAGAGATGATGAAATGTCATGGAATGAGATAGAAGTGTGTGGAACAAGTAAAAATAATTCAAGAC
TTGGAAAACAGTAGTACCTATGCTTTCAGAGTAAGAGCTTACAAGGGTTCAATCTGTAGTCTTGCAGC
AGAGAATTGATTCTTCACTCCTCCAGCTCCAGTTTTCAGCTTCTCTTTGATGAAAAATGTGGCTAT
AATAGTGAACACCTCCTGCTGAACCTGAAGAGAGACCGGTAGAGAGTAGAGCTGGATTTAATCTTCTG
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ACAAAAGGAAAACACTTCTGGCCCTCCGTGTGGAACCATATTCATACCTGGTAAAAGTGGGAGTTGCT
TCTAGCGATAAACTACAAGAATGGCTCCGTTCTCCCGGGATGCAGTTAGTCCAAGATATGAGCAAGAC
AGTGGGCATGACAGTGAAGTGAAGGATGCCTGTTTTGATTCTTCAACACCATTTACCTTAGTTACTATA
GGCATGCAGAAAATTTTTATACCAAGTCACTACTTCTTCAATGAACCTGAAAATAGAGTTCTCCCT
ATGCCAACAGTATTGGGATTTTCTTACTGTGATAAAGGCAAAGTAGATTTCTATGATATGGATCAG
ATGAAATGCCTTTATGAACGCCAAGTGGACTGTTACATACACTGTATCCAGCATTTCATTAAATGGGC
AGTGGAGGAATTCAGCTTGAAGAACCATCACAGCAAAATATCTGGAATACCAAGAGGACATG
ACCGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238941
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MCDLCKPPPPQESTKSCMDCSASYNECFKIHPHWGTIKAQHEYVGPPTNFRPKILMCPHEHETERINMYC
ELCRRPVCHLCKLGGNHANHRVTMSSAYKTLKEKLSKDIDYLGKESQVKSQISELNLLMKETECNGE
RAKEEAITHFELKFEVLEERKSSVLKAIIDSSKKLRDKFQTQMEYQGLLENGLVGYAQEVLKETDQS
CFVQTAQLHLRIQKATESLKSFRPAAQTSFEDYVNTSKQTELLGELFFSSGIDVPEINEEQSKVYN
NALINWHHPEKDKADSYVLEYRKHINRDEMSEWNEIEVCGTSKIIQDLENSSTYAFRVRAYKGSICSPCS
RELILHTPPAPVFSFLFDEKCGYNHELLLLNLKRDRVESRAGFNLLAAERIQVGYTSLDYIIGDTGI
TKGKHFWAFRVEPYSYLKVGVAASDKLQEWLRSRDAVSPRYEQDSGHDGSEDACFDSSQPFLLVTI
GMQKFFIPKSPTSSNEPENRVLPMPTSIGIFLDCDKGKVDFYMDQMKCLYERQVDCSHTLTPAFALMG
SGGIQLEEPITAKYLEYQEDM
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

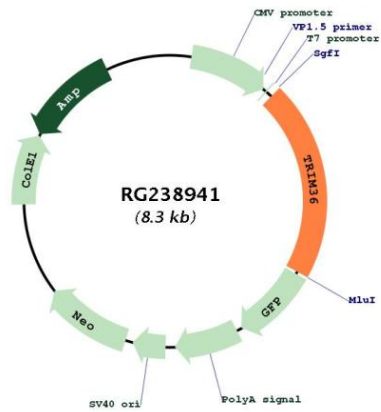
Restriction Sites:

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).
- RefSeq:** [NM_001300752.2](#)
- RefSeq Size:** 4221 bp
- RefSeq ORF:** 1722 bp
- Locus ID:** 55521
- UniProt ID:** [Q9NQ86](#)
- 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 RG238941