

## Product datasheet for **RG233377**

### **RNF34 (NM\_001256858) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** RNF34 (NM\_001256858) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** RNF34  
**Synonyms:** CARP-1; CARP1; hRFI; RFI; RIF; RIFF  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG233377 representing NM\_001256858  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGGGAGAGCTTATGGATGGAGACCAACATCCAGATCTGGAGTGCCGGCAGGTACAAAGTGAAA  
 TCACCTCAGCAAACACAGAAGATGATGATGACGACGATGATGAGGATGATGATGATGAAGAAGAAAACGC  
 AGAGGATCGGAACCCCGGCTCTCCAAGGAGAGAGTGAGAGCTTCACTGTCTGACTTGTCAAGCCTTGAT  
 GATGTGGAAGGAATGAGCGTGCAGCTGAAGGAAATCTGGCTCGGAATTTGTCAACTATTCTGGCT  
 GTTGTGAAAAATGGAACTGGTAGAGAAAGTAAACCGTTATACAAAGAGAATGAAGAAAACAAAAGTC  
 CTATGGCGAGCGGCTGCAGCTGCAGGATGAGGAAGACGACAGCCTGTGTGCATCTGCATGGATGCCGTC  
 ATCGACTGTCTACTGGAGTGTGGGCACATGGTTACCTGCACCAAGTGCGGCAAGCGCATGAGTGAGT  
 GTCCCATCTGCCGGCAGTATGTGGTGCAGCCGTGCACGTGTTCAAGTCC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG233377 representing NM\_001256858  
 Red=Cloning site Green=Tags(s)

MKGELMDGDQTSRSGVPAQVQSEITSANTEDDDDDDEDDDEEENAEDRNPGLSKERVASLSDLSSLD  
 DVEGMSVRQLKEILARNFVNYSGCCCKWELVEKVNRLYKENEENQKSYGERLQLQDEEDDSLRCICMDAV  
 IDCVLLECGHMTCTKCGKRMSECPICRQYVVRVHVFKS

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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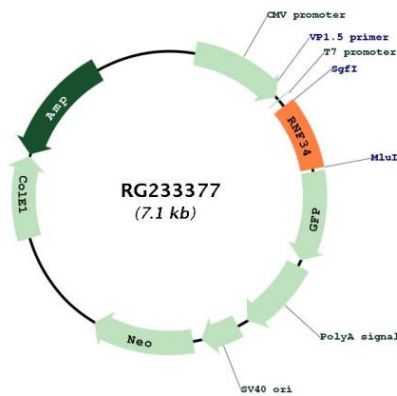


**Cytogenetics:** 12q24.31

**Protein Families:** Druggable Genome

**Gene Summary:** The protein encoded by this gene contains a RINF finger, a motif known to be involved in protein-protein and protein-DNA interactions. This protein interacts with DNAJA3/hTid-1, which is a Dnaj protein reported to function as a modulator of apoptosis. Overexpression of this gene in Hela cells was shown to confer the resistance to TNF-alpha induced apoptosis, suggesting an anti-apoptotic function of this protein. This protein can be cleaved by caspase-3 during the induction of apoptosis. This protein also targets p53 and phospho-p53 for degradation. Alternatively splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Feb 2012]

**Product images:**



Circular map for RG233377