

## Product datasheet for **RC210706**

### RNF130 (NM\_018434) Human Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | RNF130 (NM_018434) Human Tagged ORF Clone                                   |
| Tag:                      | Myc-DDK   |
| Symbol:                   | RNF130  |
| Synonyms:                 | G1RP; G1RZFP; GOLIATH; GP   |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| ORF Nucleotide Sequence:  | >RC210706 representing NM_018434<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGC GCGGGGGCGGGCCCTGCCGGCTCGCCGCGCTCGCCCTGCTGACCTGCAGCCTGTGGC  
CGGCACGGGCAGACAACGCGAGCCAGGAGTACTACACAGCGCTCATCAACGTGACGGTGCAGGAGCCCGG  
CCGCGGCGCCCGCTCACGTTTCGCATCGACCGGGCGCTACGGGCTTGACTCCCCAAGGCCGAGGTC  
CGCGGCCAGGTGCTGGCGCCGCTGCCCTCCACGGAGTTGCTGATCATCTGGGCTGTGATCCACAAACCC  
GGTTCTTTGTCCCTCCTAATATCAAACAGTGGATTGCCTTGCTGCAGAGGGGAACTGCAGTTTAAAGA  
GAAATATCACGGCCGCTTCCACAATGCAGTTGCTGTAGTCATCTACAATAATAATCCAAAGAGGAG  
CCAGTTACCATGACTCATCCAGGCACTGGAGATATTATTGCTGTCATGATAACAGAATTGAGGGTAAGG  
ATATTTGAGTTATCTGGAGAAAAATCTCTGTACAAATGACAATAGCTGTTGGAATCGAATGCCACC  
GAAGAATTCAGCCGTGGCTCTCTAGTCTTCGTGTCAATATCCTTTATTGTTTGTGATGATTTTCTTCA  
GCATGGCTCATATTCTACTTCATTGAGAAGATCAGGTACACAAATGCACGCGACAGGAACCCAGCGTCGTC  
TCGGAGATGCAGCCAAGAAAGCCATCAGTAAATTGACAACCAGGACAGTAAAGAAGGGTACAAGGAAAC  
TGACCCAGACTTTGATCATTGTGCAGTCTGCATAGAGAGCTATAAGCAGAATGATGTCGTCGCAATTCTC  
CCCTGCAAGCATGTTTTCCACAAATCCTGCGTGGATCCCTGGCTTAGTGAACATTGTACCTGTCCTATGT  
GCAAACTTAATATATTGAAGCCCTGGGAATTGTGCCGAATTTGCCATGACTGATAACGTAGCATTGCA  
TATGAAAAGGCTCACCAGAACCCAAAGCTGTTAACCAGAAATCAGCCCTCGCGACCTCGCCGGCACAAC  
TCCCTTGGCCTTGAGCCACTTCAACTTCGGGGATCTCACCTCTTCTCAGGATGGGGAGCTCACTCCGA  
GAACAGGAGAAATCAACATTGCAGTAACAAAAGAAATGGTTTATTATTGCCAGTTTTGGCCTCCTCAGTGC  
CCTCACACTCTGCTACATGATCATCAGAGCCACAGCTAGCTTGAATGCTAATGAGGTAGAATGGTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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.

**RefSeq:** [NM\\_018434.6](#)

**RefSeq Size:** 1865 bp

**RefSeq ORF:** 1260 bp

**Locus ID:** 55819

**UniProt ID:** [Q86XS8](#)

**Cytogenetics:** 5q35.3

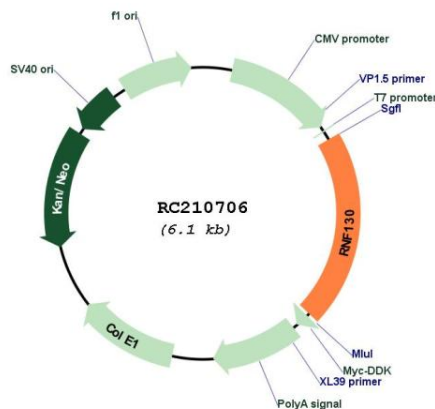
**Domains:** RING

**Protein Families:** Druggable Genome, Transmembrane

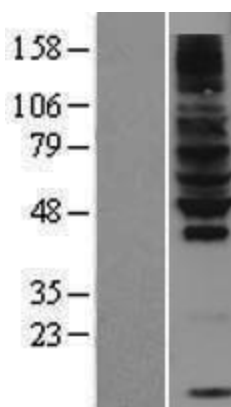
**MW:** 46.2 kDa

**Gene Summary:** The protein encoded by this gene contains a RING finger motif and is similar to g1, a *Drosophila* zinc-finger protein that is expressed in mesoderm and involved in embryonic development. The expression of the mouse counterpart was found to be upregulated in myeloblastic cells following IL3 deprivation, suggesting that this gene may regulate growth factor withdrawal-induced apoptosis of myeloid precursor cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

### Product images:



Circular map for RC210706



Western blot validation of overexpression lysate (Cat# [LY413021]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210706 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).