

## Product datasheet for **RG210868**

### RNF122 (NM\_024787) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** RNF122 (NM\_024787) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** RNF122  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG210868 representing NM\_024787  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCACCCATTCCAGTGGTGAACGGGTGTTTCTGTGGCCTGGGACTGGTTAGCACCAACAAGTCCTGCT  
CGATGCCACCCATCAGTTTCCAGGACCTCCGCTCAACATCTATATGGTCATCTTCGGCACAGGCATCTT  
TGTCTTCATGCTCAGCCTTATCTTCTGTGCTATTTTATCAGCAAACGCGGAACCAGGCACAGAGTGAG  
CGATACGGATATAAGGAGGTGGTCTTAAAGGTGATGCCAAGAAGTTACAATTATATGGGCAGACCTGCC  
CAGTCTGTCTGGAAGACTTCAAGGGGAAGGATGAGTTAGCGTGTCTCCCGTCCAACACGCCTTTCACCG  
CAAGTGTCTGGTAAATGGCTGGAAGTTCGCTGTGTCTGCCCATGTGTAACAAGCCATTGCTAGTCCC  
TCAGAGGCCACGCAGAACATTGGGATTCTATTGGATGAGCTGGTG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG210868 representing NM\_024787  
Red=Cloning site Green=Tags(s)  
MHPFQWCNGFCGLGLVSTNKSCSMPPISFQDLPLNIYMVIFGTGIFVFMLSLIFCCYFISKLRNQAQSE  
RYGYKEVVLKGDAAKQLLYGQTCVCLDFKGDDELGVLPQAHFHRKCLVKWLEVRVCVPCMNKPIASP  
SEATQNIIGILLDELV

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



[View online »](#)

**Cloning Scheme:**


**ACCN:** NM\_024787

**ORF Size:** 465 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.

**RefSeq:** [NM\\_024787.3](#), [NP\\_079063.2](#)

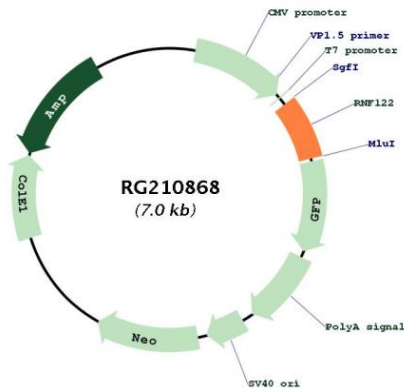
**RefSeq Size:** 1868 bp

**RefSeq ORF:** 468 bp

**Locus ID:** 79845

**UniProt ID:** [Q9H9V4](#)  
**Cytogenetics:** 8p12  
**Protein Families:** Druggable Genome, Transmembrane  
**Gene Summary:** The encoded protein contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. The encoded protein is localized to the endoplasmic reticulum and golgi apparatus, and may be associated with cell viability. [provided by RefSeq, Jul 2013]

**Product images:**



Circular map for RG210868