

Product datasheet for **MG201125**

Rnf122 (NM_175136) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rnf122 (NM_175136) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Rnf122
Synonyms: 1110063C11Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201125 representing NM_175136
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCACCATCCAGTGGTGTAAACGGGTGTTTCTGTGGCCTGGGACTGGTTAGTACCAACAAGTCCTGCT
CAATGCCACCGATCAGTTTCCAAGACCTCCCTCAATATCTACATGGTCATCTTCGGCACAGGCATCTT
CGTCTTCATGCTTAGCCTCATCTTCTGCTGCTACTTCATCAGCAAACCTCCGGAACCAGGCTCAGAGCGAG
CGATACGGCTACAAGGAGGTGGTCTTAAAGGTGATGCTAAGAAGTTACAGCTCTATGGACCTGTGCAG
TTTGCCTGGAAGACTTCAAGGGGAAGGATGAACTAGGCGTGCTTCCATGCCAGCATGCCTTTCACCGCAA
GTGCTGGTGAAGTGGCTAGAAGTACGTTGTGTCTGCCCATGTGCAACAAGCCATCGCGGGCCCCACG
GAGACCTCGCAGAGCATCGGGATCCTGCTGGATGAACTGGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201125 representing NM_175136
Red=Cloning site Green=Tags(s)

MHPFQWCNGFCGLGLVSTNKSCSMPPISFQDLPLNIYMVIFGTGIFVFMLSLIFCCYFISKLRNQAQSE
RYGYKEVVLKGDAAKLLQLYGTCAVCLEDFKGDDELGVLPQAHAFHRKCLVKWLEVRCVCPMCNKPIAGPT
ETSQSIGILLDELV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

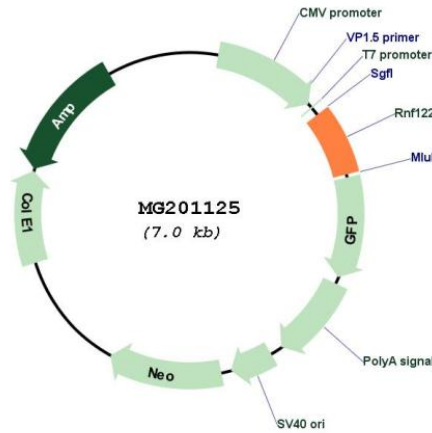


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Cloning Scheme:



Plasmid Map:



ACCN: NM_175136

ORF Size: 462 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:	<ol style="list-style-type: none">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:	<u>NM_175136.3</u>
RefSeq Size:	3556 bp
RefSeq ORF:	465 bp
Locus ID:	68867
UniProt ID:	<u>Q8BP31</u>
Cytogenetics:	8 A3
Gene Summary:	May induce necrosis and apoptosis. May play a role in cell viability (By similarity). [UniProtKB/Swiss-Prot Function]