

Product datasheet for **RG208220**

RNF11 (NM_014372) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNF11 (NM_014372) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: RNF11
Synonyms: CGI-123; SID1669
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG208220 representing NM_014372
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGAAGTGCCTCAAATCCCCACCTCGGATGACATCTCCCTGCTTCACGAGTCTCAGTCCGACCGGG
CTAGCTTTGGCGAGGGGACGGAGCCGGATCAGGAGCCGCCGCCATATCAGGAACAAGTTCCAGTTCC
AGTCTACCACCAACACCTAGCCAGACTCGGCTAGCAACTCAGCTGACTGAAGAGGAACAAATTAGGATA
GCTCAAAGAATAGGTCTTATACAACATCTGCCTAAAGGAGTTTATGACCCTGGAAGAGATGGATCAGAAA
AAAAGATCCGGGAGTGTGTGATCTGTATGATGGACTTTGTTTATGGGGACCAATTCGATTCTGCCGTG
CATGCACATCTATCACCTGGACTGTATAGATGACTGGTTGATGAGATCCTTCACGTGCCCTCCTGCATG
GAGCCAGTTGATGCAGCACTGCTTTCATCCTATGAGACTAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG208220 representing NM_014372
Red=Cloning site **Green**=Tags(s)

MGNCLKSPTSDDISLLHESQSDRASFGEGTEPDQEPPEPPYQEQVVPVYHPTPSQTRLATQLTEEEQIRI
AQRIGLIQHLPGVYDPGRDGSEKKIRECVICMMDFVYGDPIRFLPCMHIYHLDCIDDWLMRSFTCPSCM
EPVDAALLSSYETN

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_014372

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:

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_014372.5](#)

RefSeq Size: 3139 bp

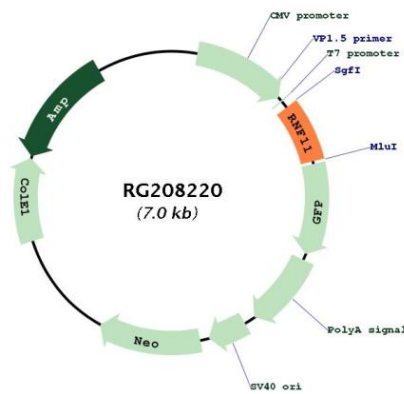
RefSeq ORF: 465 bp

Locus ID: 26994

UniProt ID: [Q9Y3C5](#)

Cytogenetics: 1p32.3
Domains: RING
Protein Families: Druggable Genome
Gene Summary: The protein encoded by this gene contains a RING-H2 finger motif, which is known to be important for protein-protein interactions. The expression of this gene has been shown to be induced by mutant RET proteins (MEN2A/MEN2B). The germline mutations in RET gene are known to be responsible for the development of multiple endocrine neoplasia (MEN). [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG208220