

Product datasheet for **RG210104**

RELM beta (RETNLB) (NM_032579) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RELM beta (RETNLB) (NM_032579) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: RELM beta
Synonyms: FIZZ1; FIZZ2; HXCP2; RELM-beta; RELMb; RELMbeta; XCP2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG210104 representing NM_032579
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCCGTCCTCTTGCCCTCTTCATCCTAATCCCCCTTCTCCAGCTGATCAACCCGGGGAGTACTC
 AGTGTTCCTTAGACTCCGTTATGGATAAGAAGATCAAGGATGTTCTCAACAGTCTAGAGTACAGTCCCTC
 TCCTATAAGCAAGAAGCTCTCGTGTGCTAGTGTCAAAGCCAAGGAGACCGTCTCTGCCCTGCTGGG
 ATGGCTGTCACTGGCTGTGCTTGTGGCTATGGCTGTGGTTCGTGGGATGTTCAAGTGGAAACCACCTGCC
 ACTGCCAGTGCAGTGTGGTGGACTGGACCACTGCCCGTCTGCCACCTGACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG210104 representing NM_032579
 Red=Cloning site Green=Tags(s)
 MGPSSCLLLILIPLLQLINPGSTQCSLDSVMDKKIKDVLNSLEYSPISKKLSCASVKVSRPSSCPAG
 MAVTGCACGYGCGSWDVQLETTCHCQCSVVDWTTARCCHLT

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_032579

ORF Size: 333 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.

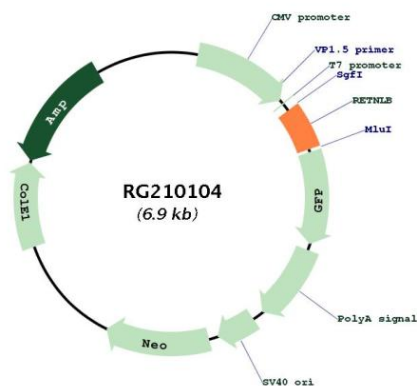
RefSeq: [NM_032579.2](#)

RefSeq Size: 1250 bp

RefSeq ORF: 336 bp

Locus ID: 84666
UniProt ID: [Q9BQ08](#)
Cytogenetics: 3q13.13
Protein Families: Secreted Protein
Gene Summary: Probable hormone.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG210104