

Product datasheet for RG211504

DEFB134 (NM 001033019) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: DEFB134 (NM_001033019) Human Tagged ORF Clone

Tag: TurboGFP Symbol: DEFB134

Synonyms: MGC163333; MGC163335

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG211504 representing NM_001033019
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGAAGCCTCTCCTTGTTGTGTTTTGTCTTTCTTTTCCTTTTGGGATCCAGTGCTGGCAGGTATAAATTCAT
TATCATCAGAAATGCACAAGAAATGCTATAAAAATGGCATCTGCAGACTTGAATGCTATGAGAGTGAAAT

GTTAGTTGCCTACTGTATGTTTCAGCTGGAGTGCTGTGTCAAAGGAAATCCTGCACCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG211504 representing NM_001033019

Red=Cloning site Green=Tags(s)

MKPLLVVFVFLFLWDPVLAGINSLSSEMHKKCYKNGICRLECYESEMLVAYCMFQLECCVKGNPAP

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



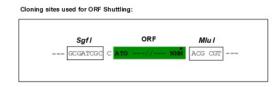
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

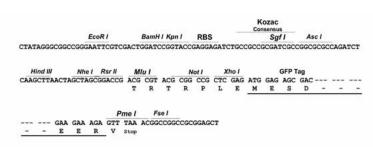
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

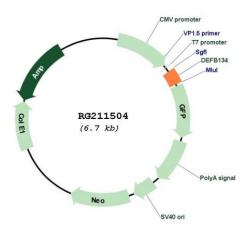


Cloning Scheme:





Plasmid Map:



ACCN: NM_001033019

ORF Size: 198 bp



DEFB134 (NM_001033019) Human Tagged ORF Clone - RG211504

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: <u>NM 001033019.1</u>, <u>NP 001028191.1</u>

RefSeq Size: 201 bp
RefSeq ORF: 201 bp
Locus ID: 613211
Cytogenetics: 8p23.1

Protein Families: Secreted Protein, Transmembrane

Gene Summary: Defensins are cysteine-rich cationic polypeptides that are important in the immunologic

response to invading microorganisms. The antimicrobial protein encoded by this gene is secreted and is a member of the beta defensin protein family. Beta defensin genes are found in several clusters throughout the genome, with this gene mapping to a cluster at 8p23.

[provided by RefSeq, Nov 2014]