

Product datasheet for **RG235451**

DEFB131B (NM_001242853) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DEFB131B (NM_001242853) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: DEFB131B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235451 representing NM_001242853.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGGTCTTGTTTTTTGTCTTTGGAGTCCTTCTTGATGTCCACAGTTCCTCCAACCAGAAGCTTC
ACTTCTAATGATGAATGTCCTTCAGAATATTATCATTGCAGACTGAAGTGAATGCTGATGAACATGCA
ATTAGATACTGTGCTGACTTCAGCATCTGCTGCAAACGAAGATCATTCAAATTGATGGACAAAAGAAG
TGG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

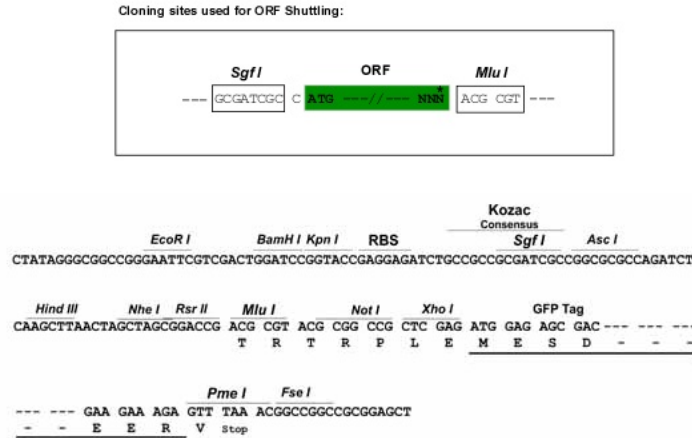
Protein Sequence: >Peptide sequence encoded by RG235451
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MRVLFVFGVLSLMSTVPPTRSFTSNDECPSEYYHRLKCNADHAIRYCADFSICCKLKIIDGQKK
W
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-Mlul



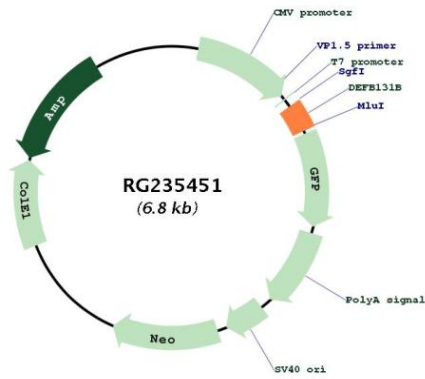
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Cloning Scheme:


- ACCN:** NM_001242853
- ORF Size:** 210 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).
- RefSeq:** [NM_001242853.1](#), [NP_001229782.1](#)
- RefSeq Size:** 213 bp
- RefSeq ORF:** 213 bp
- Locus ID:** 100129216
- UniProt ID:** [A0A096LNP1](#)
- Cytogenetics:** 11q13.4
- MW:** 8.6 kDa

Gene Summary: Has antibacterial activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG235451