

## **Product datasheet for RG220051**

## IL17B (NM 014443) Human Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: IL17B (NM\_014443) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: IL17B

Synonyms: IL-17B; IL-20; NIRF; ZCYTO7

Mammalian Cell Neomycin

Selection:

**Vector:** pCMV6-AC-GFP (PS100010)

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

ORF Nucleotide >RG220051 representing NM\_014443

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

GCCAGCGCGCAGTCATGGAGACCATCGCTGTGGGCTGCACCTGCATCTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG220051 representing NM\_014443

Red=Cloning site Green=Tags(s)

MDWPHNLLFLLTISIFLGLGQPRSPKSKRKGQGRPGPLAPGPHQVPLDLVSRMKPYARMEEYERNIEEMV AQLRNSSELAQRKCEVNLQLWMSNKRSLSPWGYSINHDPSRIPVDLPEARCLCLGCVNPFTMQEDRSMVS

**VPVFSQVPVRRRLCPPPPRTGPCRQRAVMETIAVGCTCIF** 

TRTRPLE - GFP Tag - V

**Restriction Sites:** Sgfl-Mlul



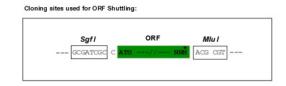
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

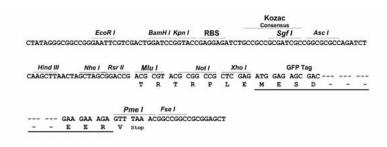
CN: techsupport@origene.cn

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



## **Cloning Scheme:**





**ACCN:** NM\_014443

ORF Size: 540 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:** <u>NM 014443.3</u>

RefSeq Size: 711 bp
RefSeq ORF: 543 bp
Locus ID: 27190
UniProt ID: Q9UHF5



**Cytogenetics:** 5q32

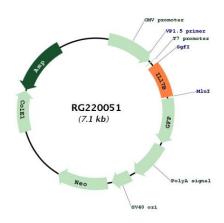
Protein Families: Druggable Genome, Secreted Protein
Protein Pathways: Cytokine-cytokine receptor interaction

**Gene Summary:** The protein encoded by this gene is a T cell-derived cytokine that shares sequence similarity

with IL17. This cytokine was reported to stimulate the release of TNF alpha (TNF) and IL1 beta (IL1B) from a monocytic cell line. Immunohistochemical analysis of several nerve tissues indicated that this cytokine is primarily localized to neuronal cell bodies. Alternative splicing

results in multiple splice variants. [provided by RefSeq, Dec 2015]

## **Product images:**



Circular map for RG220051