

## **Product datasheet for RC211251L4**

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# NFKBIL1 (NM\_005007) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: NFKBIL1 (NM 005007) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: NFKBIL1

Synonyms: IKBL; NFKBIL

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC211251).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NM\_005007

ORF Size: 1143 bp





### NFKBIL1 (NM\_005007) Human Tagged Lenti ORF Clone - RC211251L4

**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 005007.2</u>, <u>NP 004998.2</u>

RefSeq Size:1510 bpRefSeq ORF:1146 bpLocus ID:4795

UniProt ID: Q9UBC1

Cytogenetics: 6p21.33

Domains: ANK

**Protein Families:** Transcription Factors

MW: 43.2 kDa

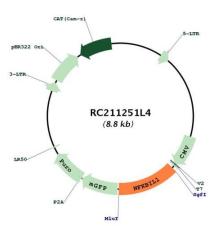
**Gene Summary:** This gene encodes a divergent member of the I-kappa-B family of proteins. Its function has

not been determined. The gene lies within the major histocompatibility complex (MHC) class I region on chromosome 6. Multiple transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Jan 2009]



# **Product images:**



Circular map for RC211251L4