

Product datasheet for RC216001L3

OriGene Technologies, Inc.

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IL32 (NM_004221) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: IL32 (NM_004221) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: IL32

Synonyms: IL-32alpha; IL-32beta; IL-32delta; IL-32gamma; NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

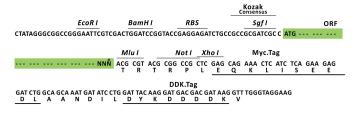
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC216001).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_004221

ORF Size: 564 bp





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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 004221.4</u>

 RefSeq Size:
 1090 bp

 RefSeq ORF:
 567 bp

 Locus ID:
 9235

 UniProt ID:
 P24001

 Cytogenetics:
 16p13.3

Protein Families: Secreted Protein

MW: 21.6 kDa

Gene Summary: This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation

site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of

TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different

isoforms, have been characterized. [provided by RefSeq, Jul 2008]