

Product datasheet for RC221008L3

OriGene Technologies, Inc.

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APRIL (TNFSF13) (NM_003808) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: APRIL (TNFSF13) (NM_003808) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: APRIL

Synonyms: APRIL; CD256; TALL-2; TALL2; TNLG7B; TRDL-1; UNQ383/PRO715; ZTNF2

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 clor

Sequence:

The ORF insert of this clone is exactly the same as(RC221008).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_003808

ORF Size: 750 bp



APRIL (TNFSF13) (NM_003808) Human Tagged Lenti ORF Clone - RC221008L3

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 003808.2</u>

RefSeq Size: 2276 bp
RefSeq ORF: 753 bp
Locus ID: 8741

 UniProt ID:
 O75888

 Cytogenetics:
 17p13.1

Domains: TNF

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

MW: 27.3 kDa

Gene Summary: The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand

family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its

interaction with other TNF receptor family proteins such as TNFRSF6/FAS and

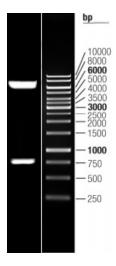
TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants. Some transcripts that skip the last exon of the upstream gene (TNFSF12) and continue into the second exon of

this gene have been identified; such read-through transcripts are contained in GeneID

407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010]



Product images:



Double digestion of RC221008L3 using Sgfl and Mlul $\,$