

Product datasheet for RC231049

APRIL (TNFSF13) (NM_001198624) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: APRIL (TNFSF13) (NM_001198624) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: APRIL
Synonyms: APRIL; CD256; TALL-2; TALL2; TNLG7B; TRDL-1; UNQ383/PRO715; ZTNF2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC231049 representing NM_001198624
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGGCCAGTCAGAGAGCCGGCACTCTCAGTTGCCCTCTGGTTGAGTTGGGGGCAGCTCTGGGG
 CCGTGGCTTGTCATGGCTCTGCTGACCAACAACAGAGCTGCAGAGCCTCAGGAGAGAGGTGAGCCG
 GCTGCAGGGACAGGAGGCCCTCCAGAATGGGAAGGGTATCCCTGGCAGAGTCTCCCGAGCAGCAC
 TCTGTCTGCACCTGGTCCCATAACGCCACCTCCAAGGATGACTCCGATGTGACAGAGGTGATGTGC
 AACCAGCTTTAGGCGTGGGAGAGGCCTACAGGCCAAGGATATGGTGTCCGAATCCAGGATGCTGGAGT
 TTATCTGCTGTATAGCCAGGTCCTGTTCAAGACGTGACTTTCACCATGGGTGAGGTGGTGTCTCGAGAA
 GGCAAGGAAGGCAGGAGACTCTATTCCGATGTATAAGAAGTATGCCCTCCACCCGGACCGGGCTACA
 ACAGCTGCTATAGCGCAGGTGTCTTCCATTTACACCAAGGGGATATTCTGAGTGTATAATTCCCGGGC
 AAGGGCGAAACTTAACCTCTCTCCACATGGAACCTTCTGGGGTTGTGAAACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231049 representing NM_001198624
 Red=Cloning site Green=Tags(s)

MGGPVREPALSVALWLSWGAALGAVACAMALLTQQTELQSLRREVSRLQGTGGPSQNGEGYPWQSLPEQH
 SVLHLVPINATSKDDSDVTEVMWQPALRRGRGLQAQGYGVRIQDAGVYLLYSQVLFQDVFTMGQVVSRE
 GQGRQETLFRICIRSMPSHPDRAYNSCYSAGVFHLHQGDILSVIIPRARAKLNLSPHGTFLGFVKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Cytogenetics: 17p13.1

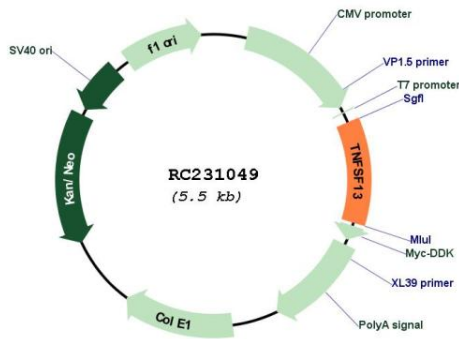
Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

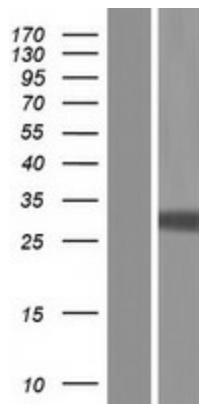
MW: 22.9 kDa

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:



Circular map for RC231049



Western blot validation of overexpression lysate (Cat# [LY434048]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC231049 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).