

## 32-20637: Recombinant Human APRIL(Discontinued)

**Reactivity :** Human, Mouse

**Alternative Name :** A Proliferation-Inducing Ligand, TNFSF13, TRDL-1, TALL-2, CD256

### Description

#### Source: Hi-5 Insect cells

APRIL, a member of the TNF superfamily, is expressed in monocytes, macrophages, certain transformed cell lines, certain cancers of the colon, and lymphoid tissues. APRIL, along with another TNF family member, BAFF, competes for two receptors, TACI and BCMA. APRIL has the ability to stimulate proliferation of various tumor cell lines, including Jurkat T cells and MCF-7 carcinoma cells. Like BAFF, APRIL also stimulates the proliferation of B and T cells. The human APRIL gene codes for at least four alternatively spliced transcriptional variants, which give rise to different isoforms of the APRIL precursor protein. All isoforms can be cleaved by the protease, furin, to release a soluble C-terminal fragment, which comprises the TNF-like receptor binding of the APRIL precursor. Recombinant human APRIL is a soluble 16.3 kDa protein, consisting of 146 amino acid residues.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Purity: >= 95% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** AVLTQKQKKQ HSVLHLVPIN ATSKDDSDVT EVMWQPALRR GRGLQAQGYG VRIQDAGVYL  
LYSQVLFQDV TFTMGQVVS R EGQGRQETLF RCIRSMP SHP DRAYNSCYSA GV FHLHQDI LSVIIPRARA  
KLNLSPHGTF LGFVKL

### Application Note

Measured by its ability to induce cell death in Jurkat cells.