

## 32-20013: Recombinant Murine APRIL(Discontinued)

**Alternative Name :** A Proliferating-inducing Ligand, TNFSF13, TRDL-1, TALL-2, CD256

### Description

**Source: E.coli**

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 Murine APRIL is a soluble 21.9 kDa protein, consisting of 192 amino acid residues.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Purity:  $\geq$  98% by SDS-PAGE gel and HPLC analyses.

**Amino Acid :** MRREVSRLQR SGGPSQKQGE RPWQSLWEQS PDVLEAWKDG AKSRRRAVL TQKHKKKHSV  
LHLVPVNITS KDSDVTEVMW QPVLRRGRGL EAQGDIVRVW DTGIYLLYSQ VLFHDVTFTM  
GQVVSREGQG RRETLFRCIR SMPSPDRAY NSCYSAGVFH LHQGDITVK IPRANAKLSL SPHGTFGLGV  
KL

### Application Note

Measured by its ability to induce cell proliferation of activated T cells.