

Recombinant Murine APRIL
Catalog # PBG10021**Specification**

Recombinant Murine APRIL - Product Information**Recombinant Murine APRIL - Additional Information****Description**

APRIL, a member of the TNF superfamily, is expressed in monocytes, macrophages, certain transformed cell lines, certain cancers of colon, and lymphoid tissues. APRIL, along with another TNF family member, BAFF, compete 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.

Biological Activity

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

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Murine APRIL is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Murine APRIL - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant Murine APRIL - Images