

Recombinant Murine APRIL

CATALOG #:	4575-20
AMOUNT:	20 µg
LOT #:	_____
SOURCE:	<i>E. coli</i>
PURITY:	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg.
FORM:	Lyophilized from 10 mM Tris, pH 9.0 + 100 mM Arginine

RECONSTITUTION:

We recommend a quick spin followed by reconstitution in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted APRIL should be stored in working aliquots at -20°C.

DESCRIPTION:

APRIL (a proliferation-inducing ligand), also known as TNFSF13, is a type II membrane protein belonging to the TNF Ligand family. Although low levels of APRIL are found in normal tissues, it is abundantly expressed in tumor cells. Recombinant soluble APRIL stimulates proliferation in Raji B cells, Jurkat T cells and MCF-7 carcinoma cells. Both APRIL and BAFF mediate their distinct biological roles through two receptors, TACI and BCMA. The recombinant murine APRIL is a soluble 21.0 kDa protein, consisting of 192 amino acid residues.

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

USAGE: For Research Use Only. Not for use in human.

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