

## Datasheet for ABIN935221 **TNFSF13 Protein**



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### Overview

Quantity:	10 µg
Target:	TNFSF13
Origin:	Human
Source:	Hi-5 Cells
Protein Type:	Recombinant
Biological Activity:	Active

### Product Details

Sequence:	AVLTQKQKKQ HSVLHLVPIN ATSKDDSDVT EVMWQPALRR GRGLQAQGYG VRIQDAGVYL LYSQVLFQDV TFTMGQVVSER EGQGRQETLF RCIRSMPSHP DRAYNSCYSA GVFHLHQGDI LSVIIPRARA KLNLSPHGTF LGFVKL
Characteristics:	Purified recombinant Human APRIL protein Expression System: Hi-5 cells Bioactivity: Tested by its ability to induce IgM secretion by CpG/CD40L treated human naive B cells, at a concentration of 500ng/mL.
Purity:	> 95 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

### Target Details

Target:	TNFSF13
Alternative Name:	APRIL ( <a href="#">TNFSF13 Products</a> )

## Target Details

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**Background:** 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.

Alternative Names: TNFSF13 protein, TRDL-1a protein, TRDL-1 alpha protein, A Proliferating-inducing Ligand protein

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**Molecular Weight:** 16.3 kDa

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**Pathways:** [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

## Application Details

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**Application Notes:** Each Investigator should determine their own optimal working dilution for specific applications.

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**Comment:** Manufactured using (BTI-Tn-5B1-4) cells under license from the Boyce Thompson Institute for Plant Research, Inc.

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

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**Buffer:** Supplied as a lyophilized powder.

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**Handling Advice:** Avoid repeated freeze/thaw cycles.

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**Storage:** 4 °C/-20 °C

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**Storage Comment:** Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.