

Recombinant Human APRIL (TNFSF13)

Cat. No. APRIL-33H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APRIL was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Human
Source	Yeast
Description	Tumor necrosis factor ligand superfamily member 13 (TNFSF13) also known as a proliferation-inducing ligand (APRIL) is a member of the tumor necrosis factor ligand (TNF) ligand family. Nineteen cytokines have been identified as part of the TNF family on the basis of sequence, functional, and structural similarities. Family members include TNF beta (TNFSF1), TNF alpha (TNFSF2), Lymphotoxin beta (TNFSF3), OX40 Ligand (TNFSF4), CD40 Ligand (TNFSF5), Fas Ligand (TNFSF6), CD27 Ligand (TNFSF7), CD30 Ligand (TNFSF8), 4-1BB Ligand (TNFSF9), TRAIL (TNFSF10), TRANCE/RANKL (TNFSF11), TWEAK (TNFSF12), APRIL(TNFSF13), BAFF (TNFSF13B), LIGHT (TNFSF14), TL1A/VEGI (TNFSF15), and GITR Ligand (TNFSF18). APRIL/TNFSF13 is expressed by macrophages and dendritic cells. APRIL/TNFSF13 has been shown to play a role in protecting cells from undergoing apoptosis and promoting B cell development.
Form	Lyophilized
Molecular Mass	16.4 kDa
AA Sequence	AVLTQKQKKQ HSVLHLVPIN ATSKDDSDVT EVMWQPALRR GRGLQAQGYG

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VRIQDAGVYL LYSQVLFQDV TFTMGQVVSF EGQGRQETLF RCIRSMPSHP
DRAYNSCYSA GVFHLHQGDI LSVIIPRARA KLNLSPHGTF LGFVKL (146)

Applications

The APRIL protein can be used in cell culture, as an APRIL ELISA Standard, and as a Western Blot Control.

Storage

-20 C

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