

# April

Catalog # PVGS1183

## Product Information

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<b>Primary Accession Species</b>	<a href="#">Q9D777</a> Mouse
<b>Sequence</b>	Arg50-Leu241, expressed with an N-terminal Met
<b>Purity</b>	> 95% as analyzed by SDS-PAGE > 95% as analyzed by HPLC
<b>Endotoxin Level</b>	
<b>Biological Activity</b>	Measured by its ability to induce cell proliferation of RPMI 8226 Cells.
<b>Expression System</b>	E. coli
<b>Formulation</b>	Lyophilized after extensive dialysis against 20 mM acetic acid.
<b>Reconstitution</b>	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH <sub>2</sub> O up to 100 µg/ml.
<b>Storage &amp; Stability</b>	Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

## Additional Information

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<b>Gene ID</b>	69583
<b>Other Names</b>	Tumor necrosis factor ligand superfamily member 13, A proliferation-inducing ligand, APRIL, CD256, Tnfsf13, April
<b>Target Background</b>	A Proliferation-inducing Ligand (April) also known as TNSF13A, Tall-2, and TRDL-1, is a member of the TNF ligand (TNFL) superfamily. April is most similar to B-cell activation factor (BAFF) with which it shares 30% sequence identity, compete for two receptors, TACI and BCMA. APRIL is expressed at low levels in lymphoid tissue and is over-expressed by a number of tumors. April has a proliferative effect on both normal and tumor cell lines in vitro and in vivo. APRIL seems to be involved in the regulation of death and proliferation of tumor cells, but there are still contradictory findings regarding its overall biological effects.

## Protein Information

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<b>Name</b>	Tnfsf13
<b>Synonyms</b>	April
<b>Function</b>	Cytokine that binds to TNFRSF13B/TACI and to TNFRSF17/BCMA. Plays a role in the regulation of tumor cell growth. May be involved in monocyte/macrophage-mediated immunological processes.
<b>Cellular Location</b>	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.