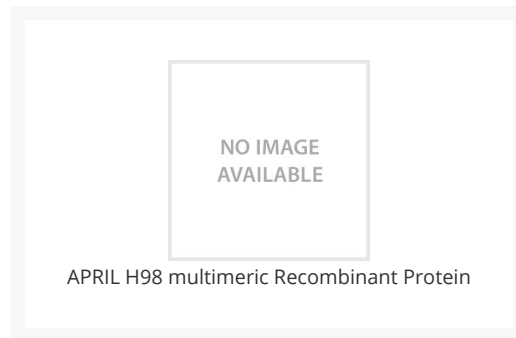




# APRIL H98 multimeric Recombinant Protein

Cat. No.: 90-272



## Ψ Specifications

<b>SPECIES:</b>	Human, Mouse
<b>SOURCE SPECIES:</b>	HEK293 cells
<b>SEQUENCE:</b>	The extracellular domain of human APRIL (aa 98-233) is fused at the N-terminus to human ACRP30headless (aa 16-108) and a DDDDK-tag.
<b>FUSION TAG:</b>	DDDDK Tag
<b>TESTED APPLICATIONS:</b>	
<b>APPLICATIONS:</b>	This recombinant proteins is for research use only.

## Ψ Properties

<b>PURITY:</b>	>95% (SDS-PAGE). Endotoxin level is less than 0.01EU/ µg purified protein (LAL test; Lonza).
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	Contains PBS + 0.5% Trehalose. Reconstitute with 100 µl sterile water.
<b>CONCENTRATION:</b>	0.1mg/ml after reconstitution.

<b>STORAGE CONDITIONS:</b>	Stable for at least 6 months after receipt when stored at -20 °C.
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## Ψ Additional Info

<b>OFFICIAL SYMBOL:</b>	TNFSF13
<b>ALTERNATE NAMES:</b>	ACRP30headless:APRIL, ACRP30headless:CD256, ACRP30headless:TNFSF13, ACRP30headless:A-proliferation-inducing Ligand:
<b>ACCESSION NO.:</b>	O75888
<b>PROTEIN GI NO.:</b>	4507599
<b>GENE ID:</b>	8741

## Ψ Background and References

<b>BACKGROUND:</b>	<p>APRIL is a cytokine that belongs to the TNF superfamily and binds to TACI and BCMA. It is implicated in the regulation of tumor cell growth, is involved in monocyte/macrophage-mediated immunological processes and functions as an important survival factor for plasmablasts and bone marrow plasma cells. MultimericAPRIL™ is a high activity construct in which two trimeric APRIL ligands are artificially linked via the collagen domain of ACRP30. This construct very effectively stimulates proliferation B cell. A basic amino acid sequence (QKQKKQ) close to the N-terminus of APRIL is required for binding to negatively charged sulfated glycosaminoglycan side chains of proteoglycans. Proteoglycans mediate binding of APRIL to tumor cells as well as primary lymphoid cells.</p>
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### ANTIBODIES FOR RESEARCH USE ONLY.

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