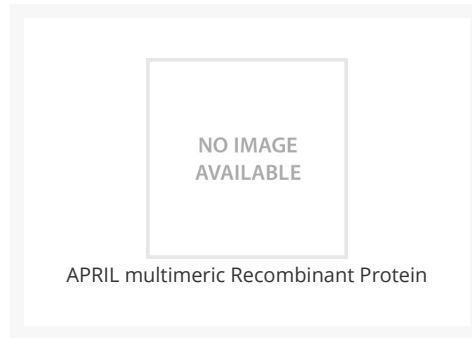




APRIL multimeric Recombinant Protein

Cat. No.: 90-273




Ψ Specifications

SPECIES:	Human, Mouse
SOURCE SPECIES:	HEK293 cells
SEQUENCE:	The extracellular domain of mouse APRIL (aa 88-232) is fused at the N-terminus to mouse ACRP30headless (aa 18-110) and a DDDDK-tag.
FUSION TAG:	DDDDK Tag
TESTED APPLICATIONS:	
APPLICATIONS:	This recombinant proteins is for research use only.

Ψ Properties

PURITY:	>95% (SDS-PAGE). Endotoxin level is less than 0.02EU/ µg purified protein (LAL test; Lonza).
PHYSICAL STATE:	Lyophilized
BUFFER:	Contains PBS + 0.5% Trehalose. Reconstitute with 100 µl sterile water.
CONCENTRATION:	0.1mg/ml after reconstitution.
STORAGE CONDITIONS:	Stable for at least 6 months after receipt when stored at -20 °C.

OFFICIAL SYMBOL:	Tnfsf13
ALTERNATE NAMES:	ACRP30headless:APRIL, ACRP30headless:CD256, ACRP30headless:TNFSF13, ACRP30headless:A-proliferation-inducing Ligand:
ACCESSION NO.:	Q9D777
PROTEIN GI NO.:	21363035
GENE ID:	69583

 Background and References

BACKGROUND:	<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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