

APRIL/TNFSF13 Protein, Human (Biotinylated, HEK293, Flag, His-Avi)

Cat. No.:	HY-P700661
Synonyms:	CD256; TALL2; TALL-2; TNFSF13; APRIL; APRILFLJ57090; TRDL1; TRDL-1; ZTNF2; 2310026N09Rik
Species:	Human
Source:	HEK293
Accession:	O75888-1 (K112-L250)
Gene ID:	8741
Molecular Weight:	55-65 kDa

PROPERTIES

Biological Activity	Immobilized Human BCMA, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human APRIL (Trimer) , His Tag with the EC ₅₀ of 16.3ng/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of 20mM PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	APRIL/TNFSF13, a cytokine of the tumor necrosis factor (TNF) superfamily, exerts its biological effects through binding to TNFRSF13B/TACI and TNFRSF17/BCMA receptors. Functioning as a homotrimer, APRIL/TNFSF13 is implicated in the modulation of tumor cell growth, highlighting its potential significance in oncogenic processes. Additionally, APRIL/TNFSF13 may play a role in immunological processes mediated by monocytes and macrophages. Through its interactions with specific receptors, APRIL/TNFSF13 contributes to the intricate regulatory networks governing cell behavior and immune responses. Elucidating the multifaceted functions of APRIL/TNFSF13 provides valuable insights into its role in health and disease, particularly in the context of tumor biology and immune system regulation.
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Caution: Product has not been fully validated for medical applications. For research use only.

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