Human APRIL Protein, hFc Tag

Cat. No. PME100854

PRODUCT INFORMATION

Target	APRIL
Synonyms	TNFSF13;CD256;TALL2;ZTNF2;TALL-2;TNLG7B;TRDL-1;UNQ383/PRO715
Description	Recombinant Human APRIL Protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	O75888
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) APRIL(Ala105-Leu250)
Molecular Weight	The protein has a predicted molecular mass of 42.5 kDa after removal of the signal peptide. The apparent molecular mass of hFc-APRIL is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants. Some transcripts that skip the last exon of the upstream gene (TNFSF12) and continue into the second exon of this gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010]
Usage	Research use only
Conjugate	Unconjugated

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