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Datasheet for ABIN6964174
TNFSF13 Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	TNFSF13
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF13 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human APRIL Protein with N-terminal human Fc tag
Sequence:	TNFSF13(Ala105-Leu250)+hFc(Glu99-Ala330)
Specificity:	hFc (Glu99-Ala330) APRIL (Ala105-Leu250)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TNFSF13
Alternative Name:	TNFSF13 (TNFSF13 Products)
Background:	The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family.

Target Details

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]

Molecular Weight: predicted molecular mass of 42.5 kDa after removal of the signal peptide. The apparent molecular mass of hFc-APRIL is 35-55 kDa due to glycosylation.

UniProt: [O75888](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months