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## Datasheet for ABIN7520573 TNFSF13 Protein (Fc Tag)



Overview	
Quantity:	20 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 TNFSF13/APRIL/CD256 Protein
Sequence:	KQKKQHSVLH LVPINATSKD DSDVTEVMWQ PALRRGRGLQ AQGYGVRIQD AGVYLLYSQV LFQDVTFTMG QVVSREGQGR QETLFRCIRS MPSHPDRAYN SCYSAGVFHL HQGDILSVII PRARAKLNLS PHGTFLGFVK L
Specificity:	Lys111-leu250
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.001 EU/µg
Target Details	
Target:	TNFSF13
Alternative Name:	TNFSF13/APRIL/CD256 (TNFSF13 Products)

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## Target Details

Background:	Description: TNFSF13 is a member of the tumor necrosis factor (TNF) ligand family. It is a
	ligand for TNFRSF17/BCMA. TNFSF13 is lowly expressed in normal tissues, but is elevated in
	several types of tumors and transformed cell lines. It is important for B cell development.
	TNFSF13 may also play a role in T-independent type II antigen responses and T cell survival,
	and induce proliferation/survival of non lymphoid cells. It exists as a functional homotrimer. It
	can bind to two cell surface receptors, BCMA and TACI, which it shares with BAFF to exert
	downstream T- and B-cell regulatory effects. TNFSF13 also has been demonstrated to bind to
	proteoglycans on the cell surface.
	Name: APRIL, CD256, TALL2, ZTNF2, TALL-2, TNLG7B, TRDL-1, UNQ383/PR0715,TNFSF13
Gene ID:	8741
UniProt:	075888
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
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Concentration:	1.65 mg/mL
Buffer:	Lyophilized from a 0.22 $\mu m$ filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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