

Datasheet for ABIN7273875

TNFSF13 Protein (AA 96-241) (Fc Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFSF13
Protein Characteristics:	AA 96-241
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF13 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse APRIL/TNFSF13 Protein
Sequence:	Ala96-Leu241
Characteristics:	Recombinant Mouse APRIL/TNFSF13 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ala96-Leu241.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Mouse APRIL, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Mouse BCMA, His Tag with the EC50 of 2.6ng/ml determined by ELISA. See testing image for detail.

Target Details

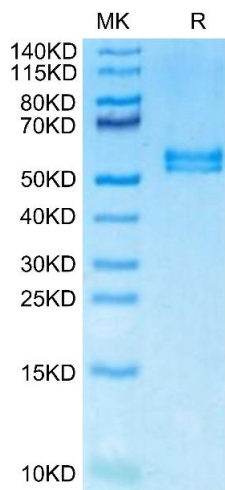
Target:	TNFSF13
Alternative Name:	APRIL (TNFSF13 Products)
Background:	The APRIL (a proliferation-inducing ligand), also known as TNFSF13, TALL2, TRDL1, and CD256, is a member of the TNF ligand superfamily. Both APRIL and its close relative BAFF bind and signal through the TNF superfamily receptors TACI and BCMA, while BAFF additionally functions through BAFF R.
Molecular Weight:	43.20 kDa. Due to glycosylation, the protein migrates to 53-63 kDa based on Tris-Bis PAGE result.
UniProt:	Q9D777
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
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Handling

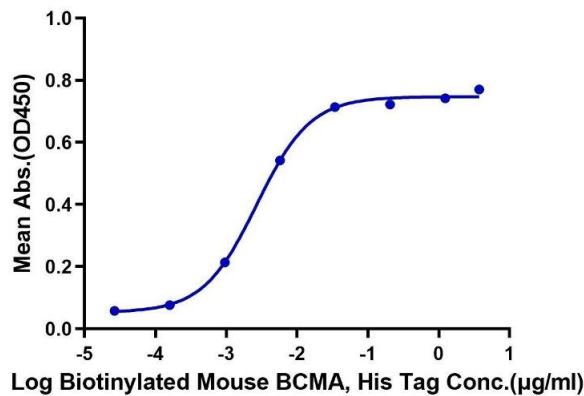
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

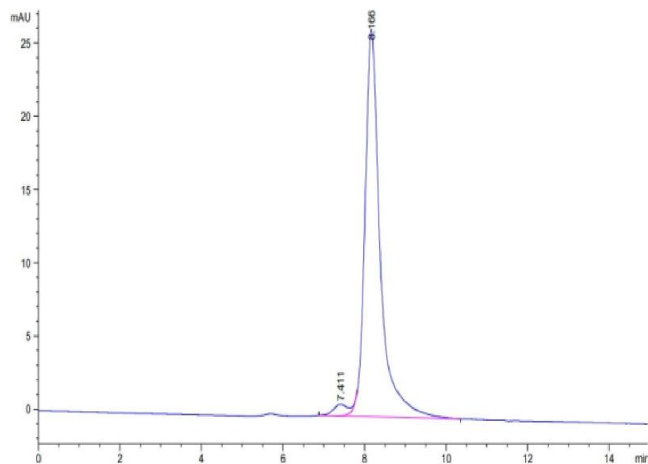
Image 1. Mouse APRIL on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Mouse APRIL, hFc Tag ELISA
0.2µg Mouse APRIL, hFc Tag Per Well



ELISA

Image 2. Immobilized Mouse APRIL, hFc Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Mouse BCMA, His Tag with the EC50 of 2.6 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Mouse APRIL is greater than 95 % as determined by SEC-HPLC.