

Datasheet for ABIN7273872

TNFSF13 Protein (Trimer) (His-Avi-DYKDDDDK Tag)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	TNFSF13
Protein Characteristics:	Trimer
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF13 protein is labelled with His-Avi-DYKDDDDK Tag.

Product Details

Purpose:	Cynomolgus APRIL/TNFSF13 Trimer Protein
Sequence:	Lys112-Leu250
Characteristics:	Recombinant Cynomolgus APRIL/TNFSF13 Trimer Protein is expressed from HEK293 with His tag and Flag tag and Avi tag at the N-Terminus.It contains Lys112-Leu250.
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 Cynomolgus APRIL (Trimer) , His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Cynomolgus BCMA, hFc Tag with the EC50 of 5.7ng/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 BAFFR.
Molecular Weight:	52.1 kDa. Due to glycosylation, the protein migrates to 55-60 kDa based on Tris-Bis PAGE result.
UniProt:	A0A2K5TJA1
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response

Application Details

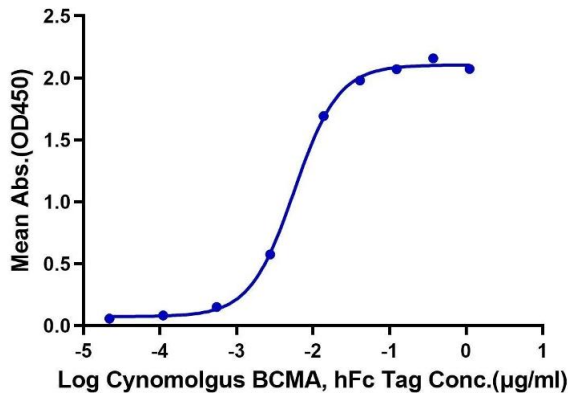
Restrictions:	For Research Use only
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Handling

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 50 mM Tris, 150 mM NaCl, 200 mM L-arginine (pH 8.0). 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

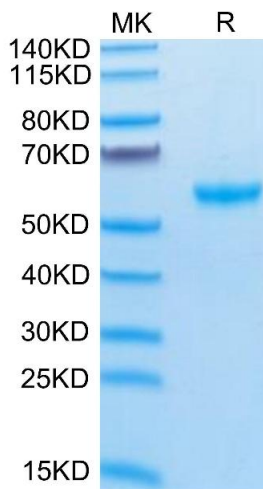
Cynomolgus APRIL(Trimer), His Tag ELISA

0.1µg Cynomolgus APRIL(Trimer), His Tag Per Well



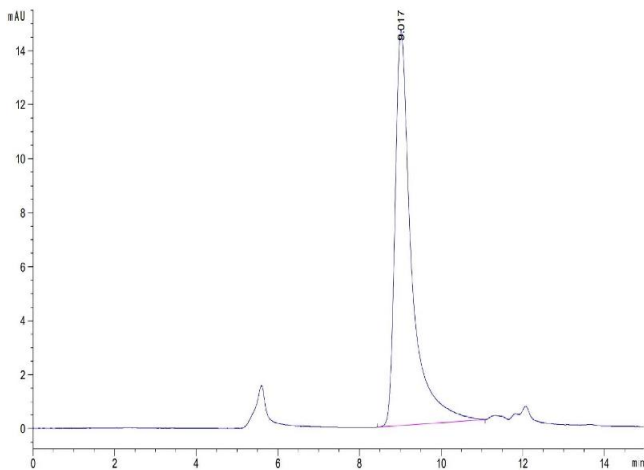
ELISA

Image 1. Immobilized Cynomolgus APRIL(Trimer), His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Cynomolgus BCMA, hFc Tag with the EC50 of 5.7 ng/mL determined by ELISA.



SDS-PAGE

Image 2. Cynomolgus APRIL Trimer on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

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