

Datasheet for ABIN7273916

BAFF Protein (Trimer) (His-Avi Tag,Biotin)

4 Images

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Overview

Quantity:	100 µg
Target:	BAFF (TNFSF13B)
Protein Characteristics:	Trimer
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAFF protein is labelled with His-Avi Tag,Biotin.

Product Details

Sequence:	Thr141-Leu285
Purity:	> 95% as determined by Tris-Bis PAGE,> 94% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human BAFFR, hFc Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human BAFF (Trimer) , His Tag with the EC50 of 6.9ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	BAFF (TNFSF13B)
Alternative Name:	BAFF (TNFSF13B Products)

Target Details

Background:	BAFF, BLyS, CD257, TNFSF13B, TNFSF20, DTL, TALL1, TALL-1delta BAFF, TALL1Delta4 BAFF, THANK, ZTNF4, TALL-1,B-cell activating factor (BAFF) also known as tumor necrosis factor ligand superfamily member 13B is a protein that in humans is encoded by the TNFSF13B gene.BAFF is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFF-R.
Molecular Weight:	54.2 kDa. Due to glycosylation, the protein migrates to 55-68 kDa based on Tris-Bis PAGE result.
UniProt:	Q9Y275
Pathways:	NF-kappaB Signaling , Production of Molecular Mediator of Immune Response

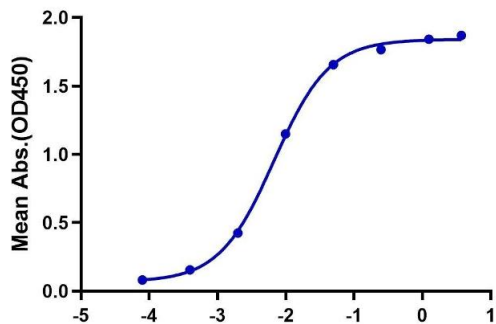
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

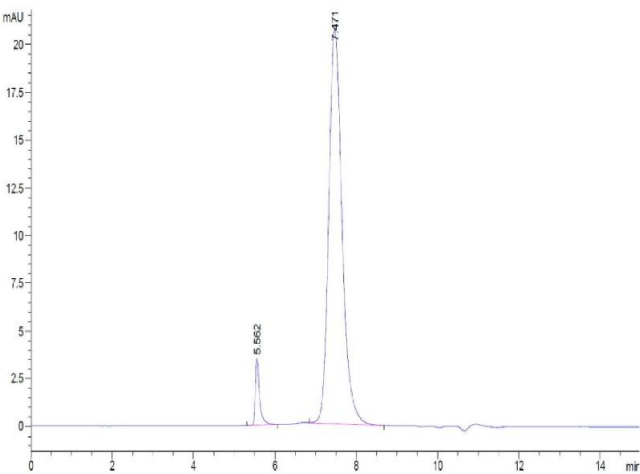
Biotinylated Human BAFF(Trimer), His Tag ELISA
0.5µg Human BAFFR, hFc Tag Per Well



Log Biotinylated Human BAFF(Trimer), His Tag Conc.(µg/ml)

ELISA

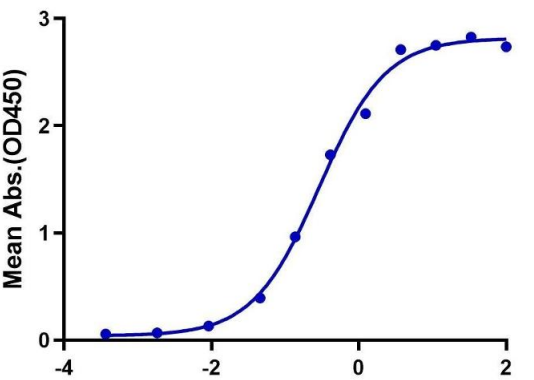
Image 1. Immobilized Human BAFFR, hFc Tag at 5 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Human BAFF (Trimer) , His Tag with the EC50 of 6.9 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Biotinylated Human BAFF (Trimer) is greater than 95 % as determined by SEC-HPLC.

Biotinylated Human BAFF (Trimer), His Tag ELISA
0.2µg Biotinylated Human BAFF (Trimer), His Tag Per Well



Log Human BAFFR, hFc Tag Conc.(µg/ml)

ELISA

Image 3. Immobilized Biotinylated Human BAFF (Trimer) at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Human BAFFR, hFc Tag with the EC50 of 0.29 µg/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7273916.