

Datasheet for ABIN7273911
BAFF Protein (Trimer) (His-DYKDDDDK Tag)



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7 Images

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-DYKDDDDK Tag.

Product Details

Purpose:	Human BAFF/TNFSF13B/CD257 Trimer Protein
Sequence:	Thr141-Leu285
Characteristics:	Recombinant Human BAFF/TNFSF13B/CD257 Trimer Protein is expressed from HEK293 with His tag and Flag tag at the N-Terminus.It contains Thr141-Leu285.
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 Human BAFF Trimer, His Tag at 0.5µg/ml (100µl/Well). Dose response curve for Human BAFFR, hFc Tag with the EC50 of 0.73µg/ml determined by ELISA. The affinity constant of 2.68 nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

Target:	BAFF (TNFSF13B)
Alternative Name:	BAFF (TNFSF13B Products)
Background:	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:	52.4 kDa. Due to glycosylation, the protein migrates to 53-60 kDa based on Tris-Bis PAGE result.
Pathways:	NF-kappaB Signaling , Production of Molecular Mediator of Immune Response

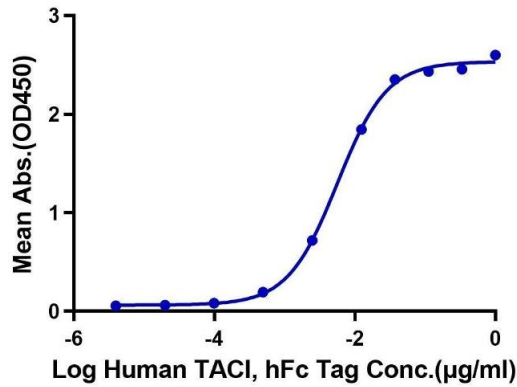
Application Details

Restrictions:	For Research Use only
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Handling

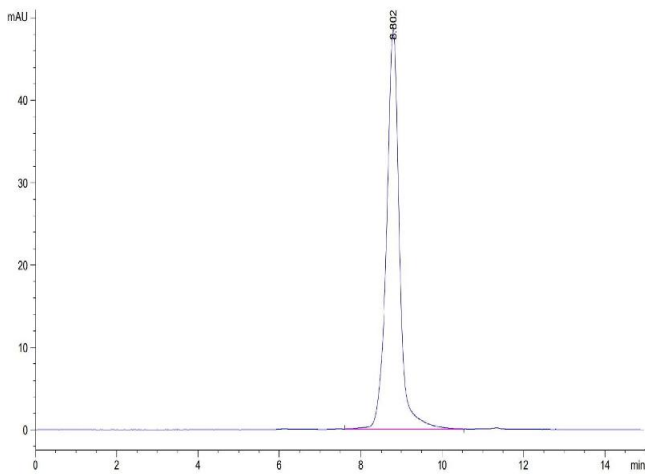
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant 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

Human BAFF Trimer, His Tag ELISA
0.1µg Human BAFF Trimer, His Tag Per Well



ELISA

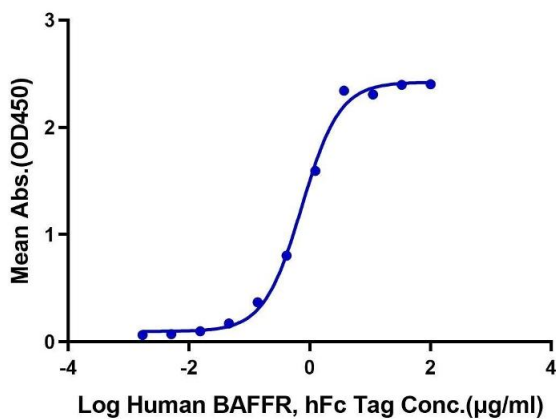
Image 1. Immobilized Human BAFF Trimer, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Human TACI, hFc Tag with the EC50 of 5.6 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

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

Human BAFF Trimer, His Tag ELISA
0.5µg Human BAFF Trimer, His Tag Per Well



ELISA

Image 3. Immobilized Human BAFF Trimer, His Tag at 0.5 µg/mL (100 µL/Well). Dose response curve for Human BAFFR, hFc Tag with the EC50 of 0.73 µg/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7273911.