

Datasheet for ABIN7273913

BAFF Protein (Trimer) (hFc-DYKDDDDK Tag)

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 hFc-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 monomeric hFc tag and Flag tag at the N-Terminus. It contains 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 BAFF (Trimer) , hFc Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human BAFFR, His Tag with the EC50 of 2.3µg/ml determined by ELISA. The affinity constant of 1.21 nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

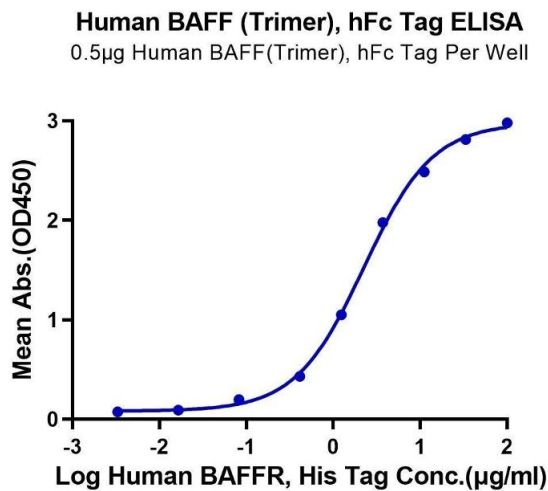
Target:	BAFF (TNFSF13B)
Alternative Name:	BAFF (TNFSF13B Products)
Background:	B-cell activating factor (BAFF) also known as tumor necrosis factor ligand superfamily member 13B is a protein that in humans is encoded by the TNFSF13B gene. BAFF is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFF-R.
Molecular Weight:	74.9 kDa same as 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



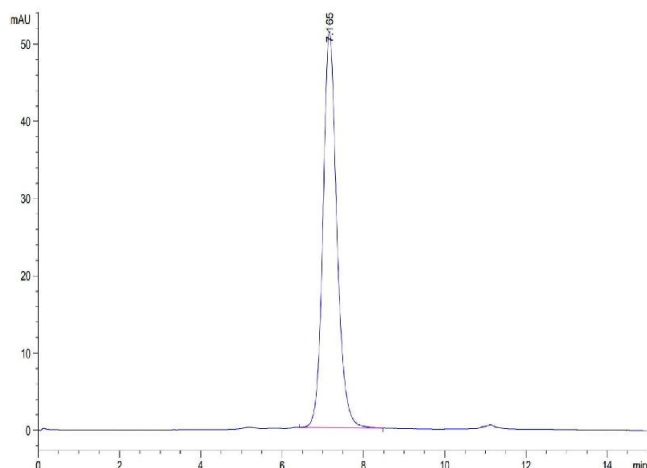
ELISA

Image 1. Immobilized Human BAFF (Trimer) , hFc Tag at 5 µg/mL (100 µL/Well) on the plate. Dose response curve for Human BAFFR, His Tag with the EC50 of 2.3 µg/mL determined by ELISA.



SDS-PAGE

Image 2. Human BAFF (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 Human BAFF (Trimer) is greater than 94 % as determined by SEC-HPLC.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7273913.