

Datasheet for ABIN7273909

BAFF Protein (Trimer) (His-Avi Tag,DYKDDDDK Tag,Biotin)[Go to Product page](#)

3 Images

Overview

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

Product Details

Sequence:	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 Biotinylated Cynomolgus BAFF Trimer, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Human BAFFR, hFc Tag with the EC50 of 0.39µg/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 55-60 kDa based on Tris-Bis PAGE result.

UniProt: [A0A2K5V2X4](#)

Pathways: [NF-kappaB Signaling](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied as 0.22µm filtered solution in PBS (pH 7.4).

Storage: -80 °C

Storage Comment: Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

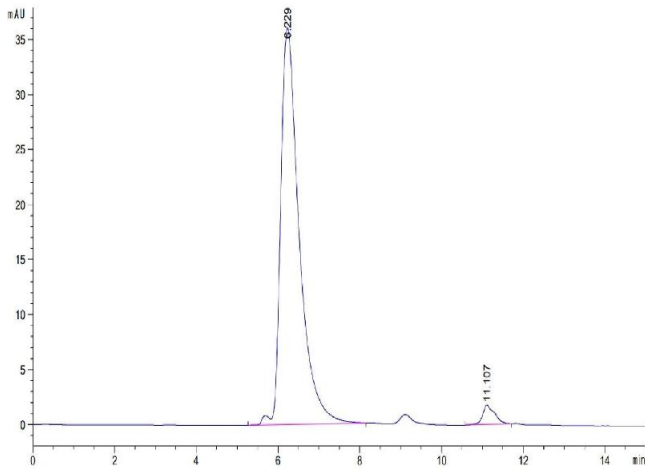
Expiry Date: 12 months

Images



SDS-PAGE

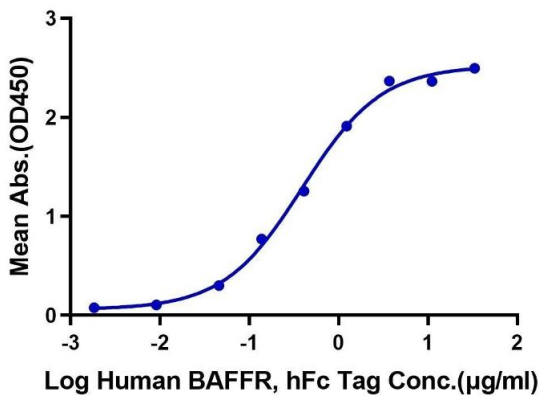
Image 1. Biotinylated Cynomolgus BAFF Trimer on Tris-Bis PAGE under reduced condition. The purity is greater than 95 %.



Size-exclusion chromatography-High Pressure Liquid Chromatography

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

Biotinylated Cynomolgus BAFF Trimer, His Tag ELISA
0.1µg Biotinylated Cynomolgus BAFF Trimer, His Tag Per Well



ELISA

Image 3. Immobilized Biotinylated Cynomolgus BAFF Trimer, His Tag at 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Human BAFFR, hFc Tag with the EC50 of 0.39 µg/mL determined by ELISA.