

# Biotinylated Cynomolgus BAFF/TNFSF13B/CD257 Trimer Protein

Cat. No. BAF-CM412B

## Description

<b>Source</b>	Recombinant Biotinylated Cynomolgus BAFF/TNFSF13B/CD257 Trimer Protein is expressed from HEK293 with His tag and Flag tag and Avi tag at the N-Terminus. It contains Thr141-Leu285.
<b>Accession</b>	A0A2K5V2X4
<b>Molecular Weight</b>	The protein has a predicted MW of 54.2 kDa. Due to glycosylation, the protein migrates to 55-60 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE

## Formulation and Storage

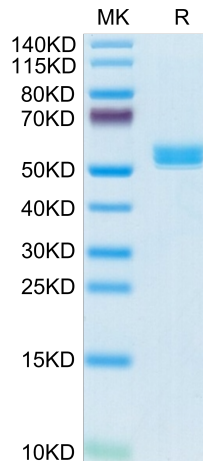
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-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.

## 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.

## Assay Data

### Tris-Bis PAGE

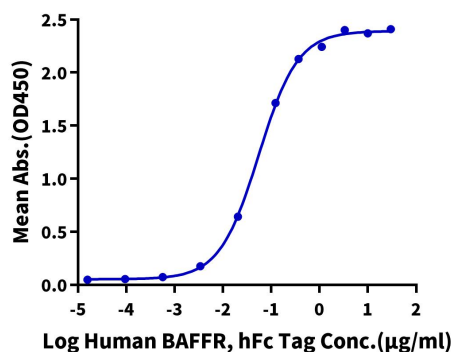


Biotinylated Cynomolgus BAFF Trimer on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### ELISA Data

#### Biotinylated Cynomolgus BAFF (Trimer), His Tag ELISA

0.5µg Biotinylated Cynomolgus BAFF (Trimer), His Tag Per Well



Immobilized Biotinylated Cynomolgus BAFF (Trimer) , His Tag at 5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human BAFFR, hFc Tag with the EC50 of 55.3ng/ml determined by ELISA.