

Biotinylated Human BAFF/TNFSF13B/CD257 Trimer Protein

Cat. No. BAF-HM412B

Description

Source	Recombinant Biotinylated Human BAFF/TNFSF13B/CD257 Trimer Protein is expressed from HEK293 with His tag and Avi tag at the N-Terminus. It contains Thr141-Leu285.
Accession	Q9Y275-1
Molecular Weight	The protein has a predicted MW of 54.2 kDa. Due to glycosylation, the protein migrates to 55-68 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE

Formulation and Storage

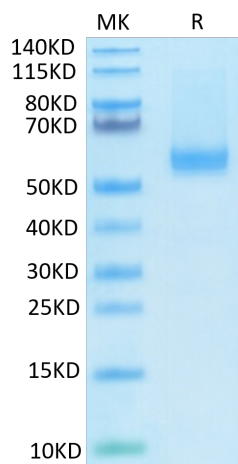
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months 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 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

Bis-Tris PAGE

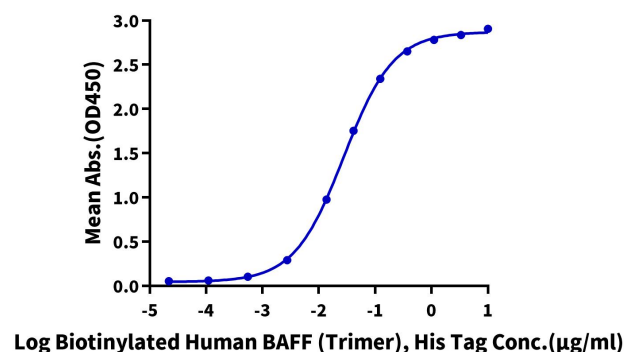


Biotinylated Human BAFF (Trimer) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Biotinylated Human BAFF (Trimer), His Tag ELISA

0.2 μg Human BAFFR, His Tag Per Well



Immobilized Human BAFFR, His Tag at 2 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{well}$) on the plate. Dose response curve for Biotinylated Human BAFF (Trimer), His Tag with the EC50 of 27.7 ng/ml determined by ELISA.