Biotinylated Cynomolgus BAFF/TNFSF13B/CD257 Trimer Protein

Cat. No.   BAF-CM412B

KACTUS

Description

Source	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.
Accession	A0A2K5V2X4
Molecular Weight	The protein has a predicted MW of 54.2 kDa. Due to glycosylation, the protein migrates to 55-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

Formulation	Lyophilized from 0.22µm 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 µg/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 a protein that in humans is encoded by the TNSF13B 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.
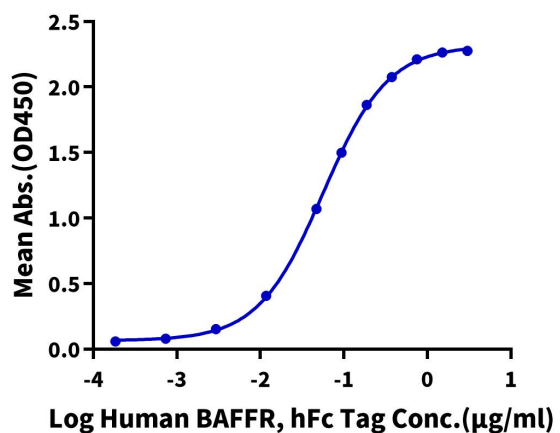
Assay Data

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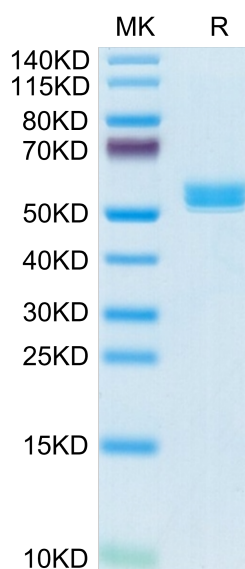
Biotinylated Cynomolgus BAFF Trimer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Assay 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 56.2ng/ml determined by ELISA.