Biotinylated Human BAFF/TNFSF13B/CD257 Protein

Cat. No. BAF-HM4AFB

Description

Source	Recombinant Biotinylated Human BAFF/TNFSF13B/CD257 Protein is expressed from HEK293 with His tag and Avi tag at the N-Terminus.
	It contains Ala134-Leu285.
Accession	Q9Y275-1
Molecular Weight	The protein has a predicted MW of 20.72 kDa. Due to glycosylation, the protein migrates to 22-27 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

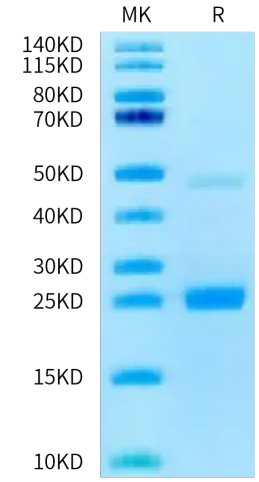
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3-6 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 Human BAFF on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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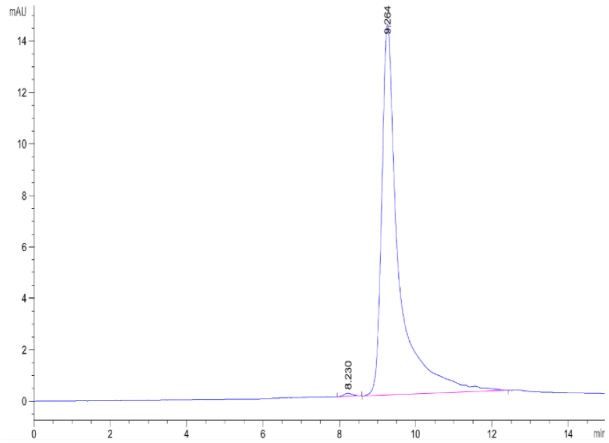
Assay Data



The purity of Biotinylated Human BAFF is greater than 95% as determined by SEC-HPLC.

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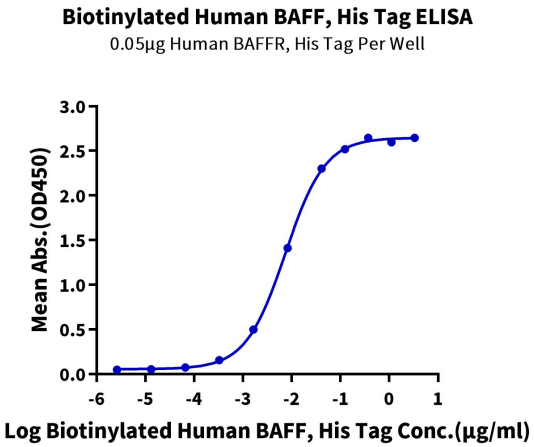
Assay Data

ELISA Data



Immobilized Human BAFFR, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human BAFF, His Tag with the EC50 of 7.4ng/ml determined by ELISA.