Human BAFF/TNFSF13B/CD257 (68-133) Protein, Ultra Low Endotoxin

Cat. No. BAF-HM23D-UL

Description

Source	Recombinant Human BAFF/TNFSF13B/CD257 (68-133) Protein is expressed from HEK293 with hFc (IgG1) tag at the N-terminus.
	It contains Gln68-Arg133.
Accession	Q9Y275-1
Molecular Weight	The protein has a predicted MW of 32.21 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

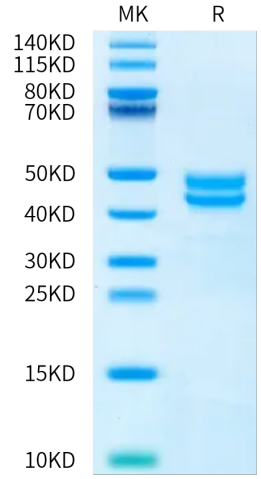
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 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 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.

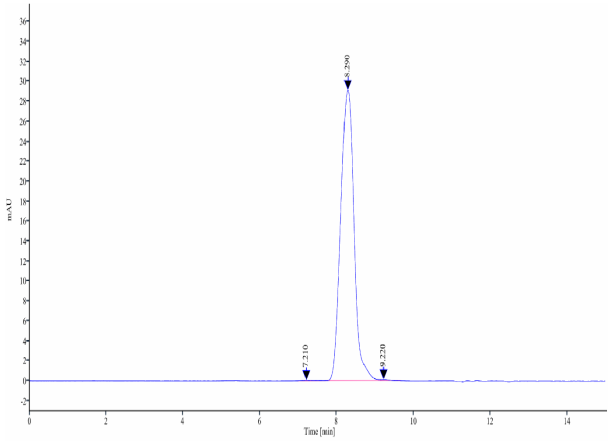
Assay Data

Bis-Tris PAGE



Human BAFF (68-133) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human BAFF (68-133) is greater than 95% as determined by SEC-HPLC.