

Cynomolgus GITR Ligand/TNFSF18 Protein

Cat. No. FSF-CM118

Description

Source	Recombinant Cynomolgus GITR Ligand/TNFSF18 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln72-Ser199.
Accession	A0A7N9CM47
Molecular Weight	The protein has a predicted MW of 15.62 kDa. Due to glycosylation, the protein migrates to 17-27 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 > 95% as determined by HPLC

Formulation and Storage

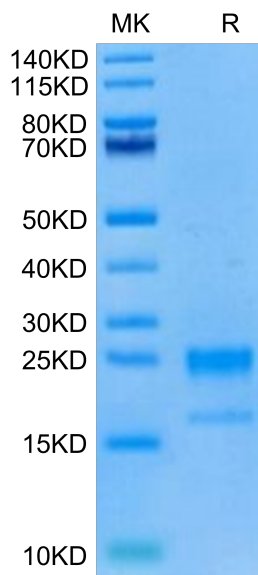
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled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

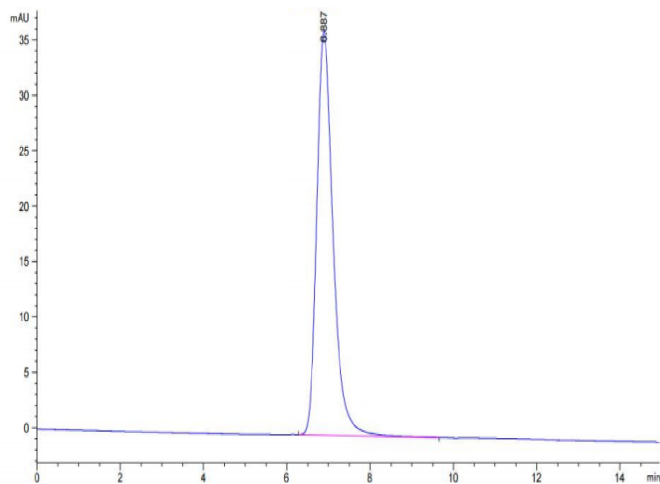
Bis-Tris PAGE



Cynomolgus GITR Ligand on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

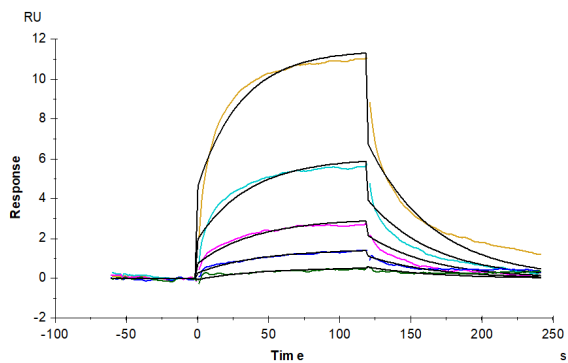
SEC-HPLC

Assay Data



The purity of Cynomolgus GITR Ligand is greater than 95% as determined by SEC-HPLC.

SPR Data



Cynomolgus GITR Ligand, His Tag immobilized on CM5 Chip can bind Cynomolgus GITR, His Tag with an affinity constant of 0.21 μ M as determined in SPR assay (Biacore T200).