Mouse BAFFR/TNFRSF13C Protein

Cat. No. BAF-MM10R

Description

Source	Recombinant Mouse BAFFR/TNFRSF13C Protein is expressed from HEK293 with His tag at the C-terminus.
	It contains Ser10-Ala71.
Accession	Q9D8D0-1
Molecular Weight	The protein has a predicted MW of 7.79 kDa. Due to glycosylation, the protein migrates to 18-28 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 0.22 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 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

BAFF binds to three TNF receptor superfamily members: B-cell maturation antigen (BCMA/TNFRSF17), transmembrane activator and calcium-modulator and cyclophilin ligand interactor (TACI/TNFRSF13B) and BAFF receptor (BAFF R/BR3/TNFRSF13C). These receptors are type III transmembrane proteins that lack a signal peptide. Whereas TACI and BCMA bind BAFF and another TNF superfamily ligand, APRIL (a proliferation-inducing ligand), BAFF R selectively binds BAFF.

Assay Data

Bis-Tris PAGE

Mouse BAFFR on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

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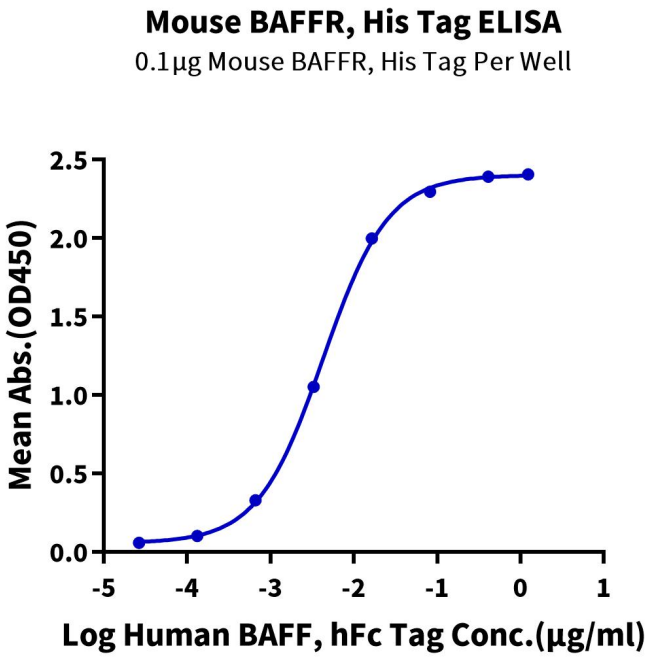
Assay Data



Immobilized Mouse BAFFR, His Tag at 1μg/ml (100μl/well) on the plate. Dose response curve for Human BAFF, hFc Tag with the EC50 of 4.2ng/ml determined by ELISA.