

Human BAFFR/TNFRSF13C Protein

HA210160



Product name:	Human BAFFR/TNFRSF13C Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human BAFFR/TNFRSF13C Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser7-Ala71.[Accession Q96RJ3-1]
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.
Purity:	> 95% as determined by Tris-Bis PAGE
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	Q96RJ3-1
Predicted molecular mass:	The protein has a predicted MW of 7.6 kDa. Due to glycosylation, the protein migrates to 13-25 kDa based on Tris-Bis PAGE result.
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 3-6 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.

Hangzhou Huaan Biotechnology Co., Ltd.

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

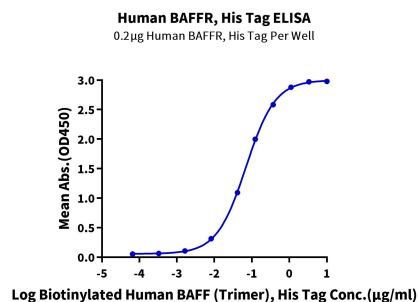


Fig1: Immobilized Human BAFFR, His Tag at 2 μ g/ml (100 μ l/well) on the plate. Dose response curve for Biotinylated Human BAFF (Trimer) , His Tag with the EC50 of 69.9ng/ml determined by ELISA (QC Test).

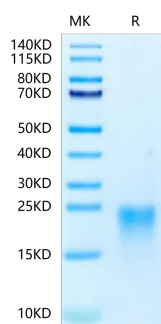


Fig2: Human BAFFR on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

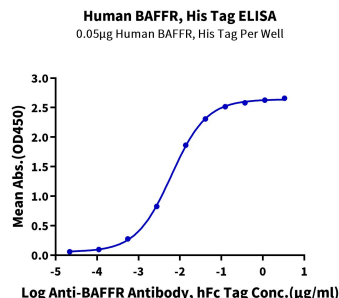


Fig3: Immobilized Human BAFFR, His Tag at 0.5 μ g/ml (100 μ l/Well). Dose response curve for Anti-BAFFR Antibody, hFc Tag with the EC50 of 6.2ng/ml determined by ELISA.

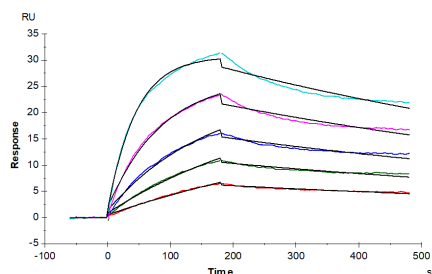


Fig4: Human BAFFR, His Tag captured on CM5 Chip via anti-his antibody can bind Human BAFF Trimer, hFc-Flag Tag with an affinity constant of 1.21 nM as determined in SPR assay (Biacore T200).

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

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