

Datasheet for ABIN7273910

TNFRSF13C Protein (AA 7-71) (His tag)

5 Images

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Overview

Quantity:	100 µg
Target:	TNFRSF13C
Protein Characteristics:	AA 7-71
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF13C protein is labelled with His tag.

Product Details

Purpose:	Human BAFFR/TNFRSF13C Protein
Sequence:	Ser7-Ala71
Characteristics:	Recombinant Human BAFFR/TNFRSF13C Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser7-Ala71.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human BAFFR, His Tag at 0.5µg/ml (100µl/Well). Dose response curve for Human BAFFR Antibody, hFc Tag with the EC50 of 6.0ng/ml determined by ELISA. The affinity constant of 1.21 nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

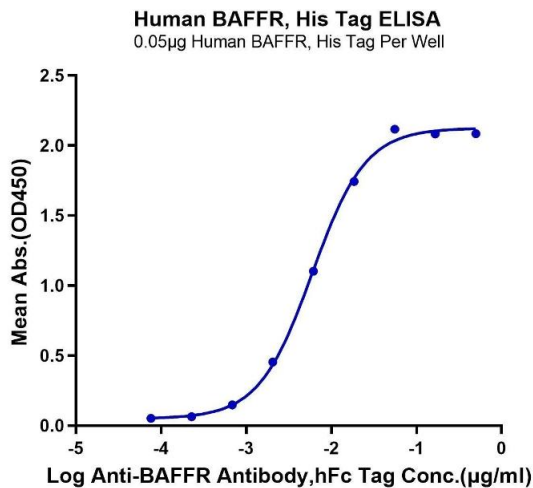
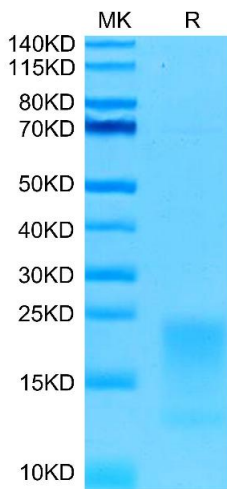
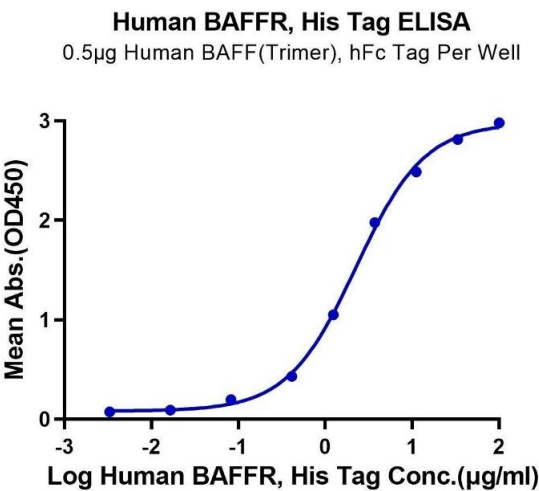
Target:	TNFRSF13C
Alternative Name:	BAFFR (TNFRSF13C Products)
Background:	BAFF binds to three TNF receptor superfamily members: B-cell maturation antigen (BCMA/TNFRSF17), transmembrane activator and calcium-modulator and cyclophilin ligand interactor (TACI/TNFRSF13B) and BAFF receptor (BAFF R/BR3/TNFRSF13C). 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.
Molecular Weight:	7.6 kDa. Due to glycosylation, the protein migrates to 13-25 kDa based on Tris-Bis PAGE result.
Pathways:	NF-kappaB Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months



ELISA

Image 1. Immobilized Human BAFF (Trimer) , hFc Tag at 5 µg/mL (100 µL/Well) on the plate. Dose response curve for Human BAFFR, His Tag with the EC50 of 2.3 µg/mL determined by ELISA.

SDS-PAGE

Image 2. Human BAFFR on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .

ELISA

Image 3. Immobilized Human BAFFR, His Tag at 0.5 µg/mL (100 µL/Well). Dose response curve for Human BAFFR Antibody, hFc Tag with the EC50 of 6.0 ng/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7273910.