

Biotinylated Recombinant Human TNFRSF13C/BAFFR/CD268 Protein

Catalog No.: RP02582B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	115650	Q96RJ3-1

Tags

C-His&Avi

Synonyms

CD268; BAFFR; BR3; TNFRSF13C;
BROMIX; CVID4; prolixin

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW	Observed MW
9.5 kDa	20-25 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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.

Basic Information

Description

Biotinylated Recombinant Human TNFRSF13C/BAFFR/CD268 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ser7-Ala71) of Human TNFRSF13C/BAFFR/CD268 fused with His tag and Avi tag at the C-terminus.

Bio-Activity

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

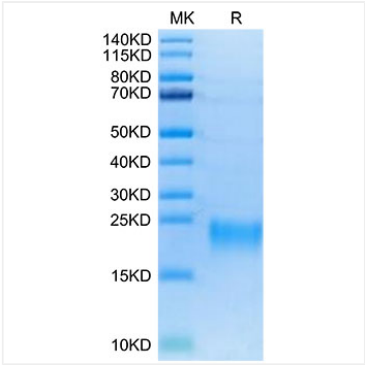
Contact

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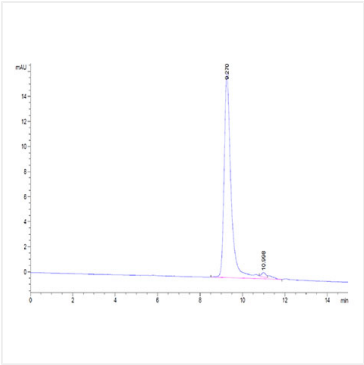
✉ | cn.market@abclonal.com.cn

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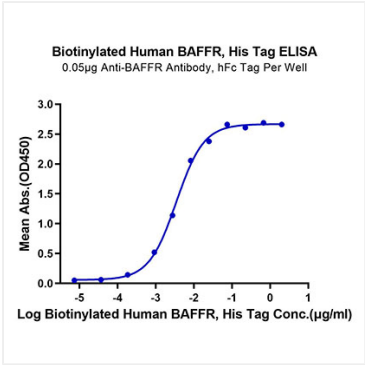
Validation Data



Biotinylated Recombinant Human TNFRSF13C/BAFFR/CD268 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human BAFFR is greater than 95% as determined by SEC-HPLC.



Immobilized Anti-BAFFR Antibody, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human BAFFR, His Tag with the EC₅₀ of 3.4ng/ml determined by ELISA.