Biotinylated Recombinant Human TNFSF13B/BAFF/CD257 Trimer Protein

Catalog No.: RP02281 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	10673	Q9Y275

Tags
N-His&Avi

Synonyms
TNFSF13B;BAFF;BLYS;CD257;DTL;TALL-1;TALL1;THANK;TNFSF20;TNLG7A;ZTNF4

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

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

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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

Contact

www.abclonal.com

Background

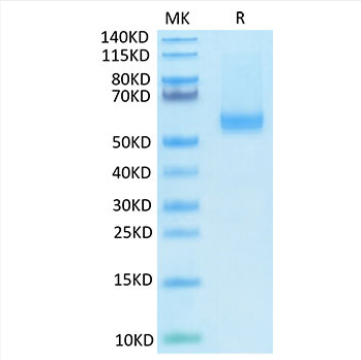
Basic Information

Description
Biotinylated Recombinant Human BAFF trimer Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Thr141-Leu285 Trimer) of Human BAFF trimer fused with a His and Avi tag at the N-terminal.

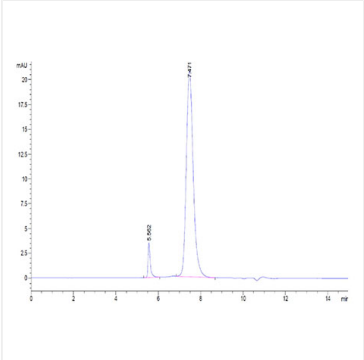
Bio-Activity
Immobilized Biotinylated Human BAFF,His Tag at 1 μg/mL (100 μL/Well). Dose response curve for Human BAFFR,hFc Tag with the EC_{50} of 0.80 μg/mL determined by ELISA.

Storage
Store the lyophilized protein at -20°C to -80°C for long term.
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.

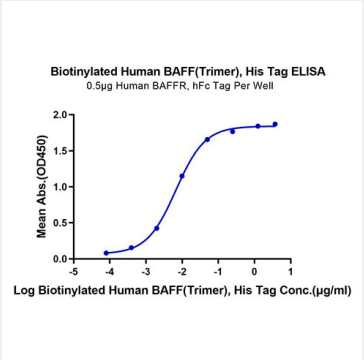
Validation Data



Biotinylated Human BAFF (Trimer) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human BAFF (Trimer) is greater than 95% as determined by SEC-HPLC.



Immobilized Human BAFFR, hFc Tag at 5μg/ml (100μl/Well) on the plate. Dose response curve for Biotinylated Human BAFF (Trimer) , His Tag with the EC_{50} of 6.9ng/ml determined by ELISA.