

# 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 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 freeze-thaw cycles.

## Contact

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## 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.

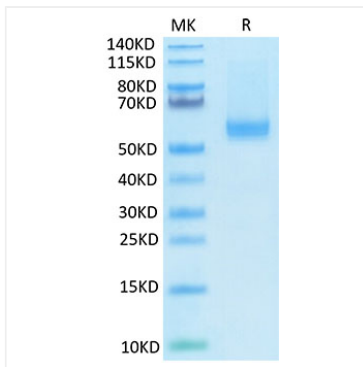
#### Bio-Activity

Immobilized Biotinylated Human BAFF,His Tag at 1 μg/mL (100 μL/Well). Dose response curve for Human BAFFR,hFc Tag with the EC<sub>50</sub> of 0.80 μg/mL determined by ELISA.

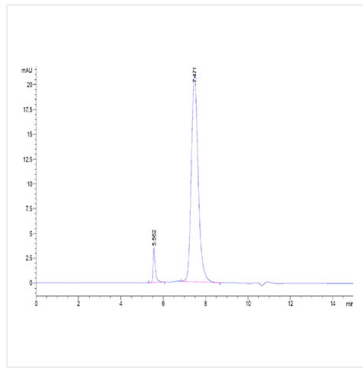
#### Storage

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.

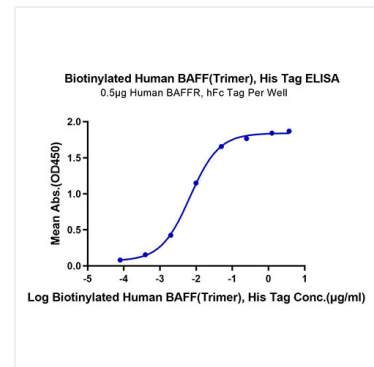
## Validation Data



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<sub>50</sub> of 6.9ng/ml determined by ELISA.