

Biotinylated Recombinant Human TNFRSF17/BCMA/CD269 Trimer Protein

Catalog No.: RP00617B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	608	Q02223

Tags

C-His&Avi

Synonyms

CD269; TNFRSF17; BCMA; BCM;
TNFRSF13A

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by HPLC.

Calculated MW

29.5 kDa

Observed MW

35-50 kDa

Endotoxin

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

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the vial 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.

Contact

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Background

B-cell maturation antigen (BCMA or BCM), also known as tumor necrosis factor receptor superfamily member 17 (TNFRSF17), is a protein that in humans is encoded by the TNFRSF17 gene. TNFRSF17 is a cell surface receptor of the TNF receptor superfamily which recognizes B-cell activating factor (BAFF).

Basic Information

Description

Biotinylated Recombinant Human TNFRSF17/BCMA/CD269 Trimer Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Ala54) of Human TNFRSF17/BCMA/CD269 Trimer (Accession #Q02223) fused with a C-His&Avi tag at the C-terminus.

Bio-Activity

Storage

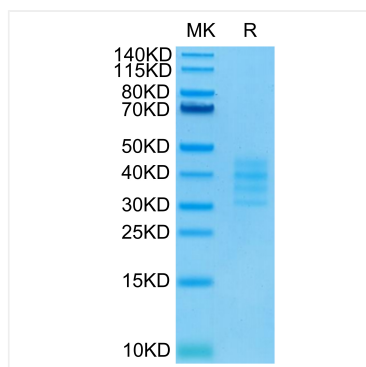
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

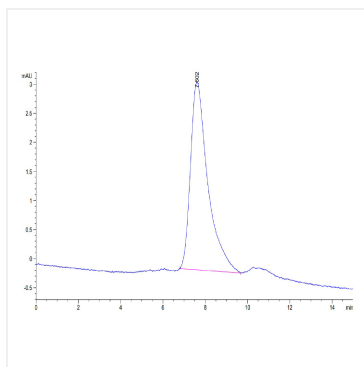
Avoid repeated freeze/thaw cycles.



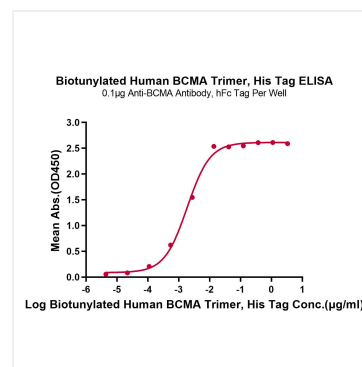
Validation Data



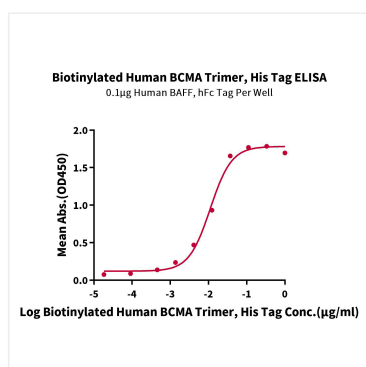
Biotinylated Recombinant Human TNFRSF17/BCMA/CD269 Trimer Protein was determined by Tris-Bis PAGE under reducing conditions.



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



Immobilized Anti-BCMA Antibody at 1 $\mu\text{g/mL}$ (100 μL /well) on the plate. Dose response curve for Biotinylated Human BCMA Trimer, His Tag with the EC_{50} of 1.9ng/mL determined by ELISA.



Immobilized Human BAFF, hFc Tag at 1 $\mu\text{g/mL}$ (100 μL /well) on the plate. Dose response curve for Biotinylated Human BCMA Trimer, His Tag with the EC_{50} of 11.1ng/mL determined by ELISA (QC Test).