

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	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by HPLC.

Calculated MW	Observed MW
29.5 kDa	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.

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

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

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.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

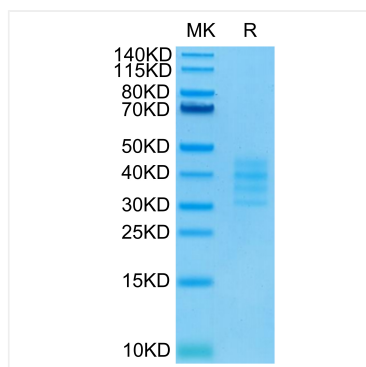
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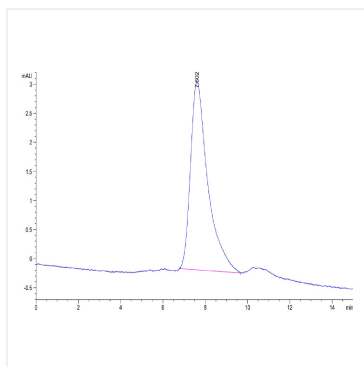
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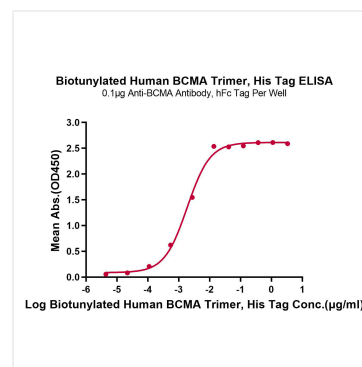
Validation Data



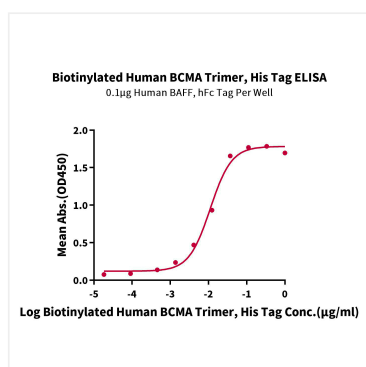
Biotinylated Recombinant Human TNFRSF17/BCMA/CD269 Trimer Protein was determined by Tris-Bis PAGE under reducing conditions.



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 $\mu\text{L/well}$) 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 $\mu\text{L/well}$) 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).