Recombinant HumanTNFRSF17/BCMA/CD269 Trimer Protein

Catalog No.: RP00617

Sequence Information

Species	Gene ID
Human	608
Swiss Prot	**Tags**
Q02223	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	30-48 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 stablizer (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
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.

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℃

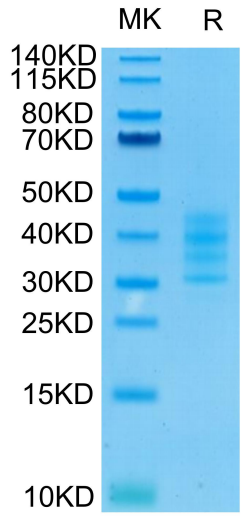
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

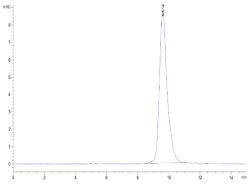
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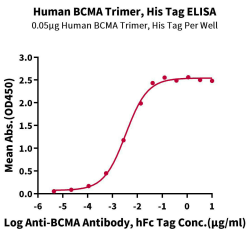
Validation Data



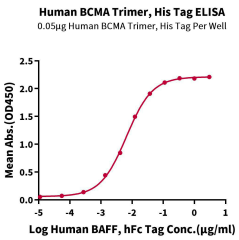
Recombinant HumanTNFRSF17/BCMA/CD269 Trimer Protein was determined by Tris-Bis PAGE under reducing conditions.



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



Immobilized Human BCMA Trimer at 0.5 μg/mL (100 μL/Well) on the plate. Dose response curve for Anti-BCMA Antibody, hFc Tag with the EC_{50} of 3.4ng/mL determined by ELISA.



Immobilized Human BCMA Trimer at 0.5 μg/mL (100 μL/Well) on the plate. Dose response curve for Human BAFF, hFc Tag with the EC_{50} of 6.6ng/mL determined by ELISA (QC Test).