

Biotinylated Recombinant Mouse TNFRSF17/BCMA/CD269 Protein

Catalog No.: RP02761B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	21935	O88472-1

Tags

C-His&Avi

Synonyms

CD269; TNFRSF17; BCMA; BCM;
TNFRSF13A

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW

8.5 kDa

Observed MW

12-16 kDa

Endotoxin

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

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

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 free-thaw cycles.

Contact

☎ | 400-999-6126

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 Mouse TNFRSF17/BCMA/CD269 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Met1-Thr49) of Mouse TNFRSF17 (Accession #O88472-1) fused with His tag and 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.

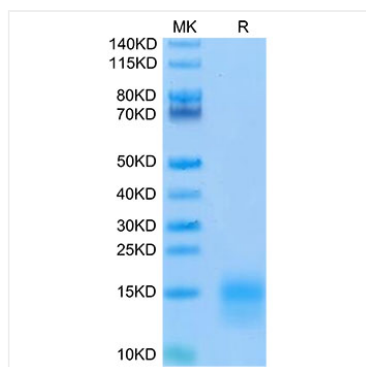
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

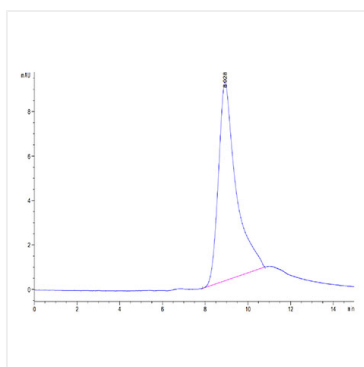
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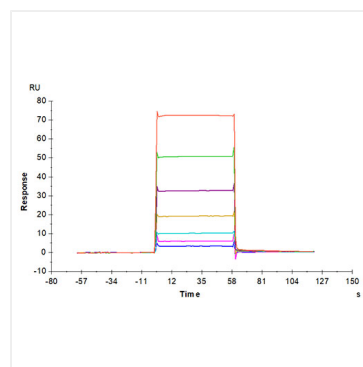
Validation Data



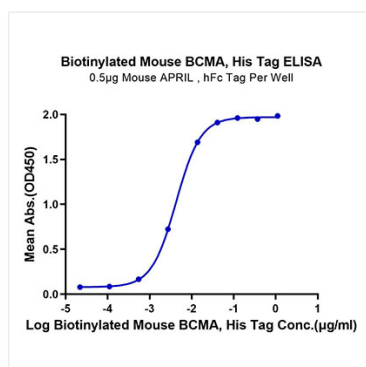
Biotinylated Recombinant Mouse TNFRSF17/BCMA/CD269 Protein was determined by Tris-Bis PAGE under reducing conditions.



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



Human BAFF, hFc Tag captured on CM5 Chip via Protein A can bind Biotinylated Mouse BCMA, His-Avi Tag with an affinity constant of 5.64 μ M as determined in SPR assay (Biacore T200).



Immobilized Mouse APRIL, hFc Tag at 5 μ g/ml (100 μ l/well) on the plate. Dose response curve for Biotinylated Mouse BCMA, His Tag with the EC₅₀ of 4.3ng/ml determined by ELISA.