

Recombinant Mouse TNFRSF17/BCMA/CD269 Protein

Catalog No.: RP02289 Recombinant

Sequence Information

Species Gene ID **Swiss Prot** Mouse 21935 088472

Tags

C-His&Avi

Synonyms

CD269 antigen; CD269; TNFRSF17; B cell maturation antigen; B-cell maturation protein; BCMA; BCMA tumor necrosis factor receptor superfamily member 17; BCMB-cell maturation factor; tumor necrosis factor receptor superfamily; member 17

Product Information

Source

HEK293 cells

Purification ≥ 95 % as

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

HPLC.

Calculated MW Observed MW

8.5 kDa

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.

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 stablizer (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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400-999-6126

Background

Basic Information

Description

Recombinant Mouse BCMA Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Met1-Thr49) of Mouse BCMA fused with His tag and Avi tag at the C-terminal.

Bio-Activity

Shipping

The product is shipped at ambient temperature. 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.

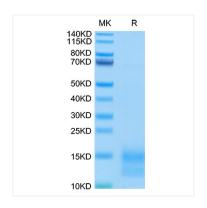
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

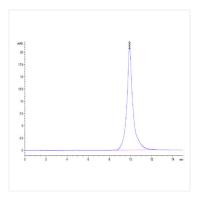
Operational Notes

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

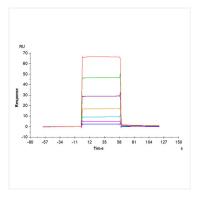
Validation Data



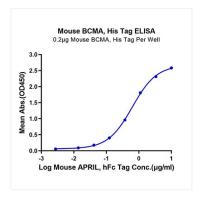
Recombinant Mouse TNFRSF17/BCMA/CD269 Protein was determined by Tris-Bis PAGE under reducing conditions.



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



Human BAFF, hFc Tag captured on CM5 Chip via Protein A can bind Mouse BCMA, His-Avi Tag with an affinity constant of 5.83 μ M as determined in SPR assay (Biacore T200).



Immobilized Mouse BCMA, His Tag at $2\mu g/ml$ (100 μ l/well) on the plate. Dose response curve for Mouse APRIL, hFc Tag with the EC₅₀ of 0.63 μ g/ml determined by ELISA.