

Recombinant Mouse TNFRSF17/BCMA/CD269 Protein

Catalog No.: RP02289

Sequence Information

Species	Gene ID
Mouse	21935
Swiss Prot	Tags
O88472	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	Purification
HEK293 cells	≥ 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5%

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.

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

Operational Notes

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

Contact

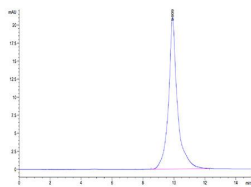
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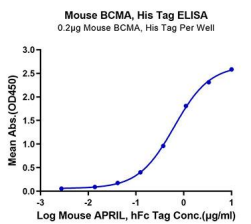
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Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

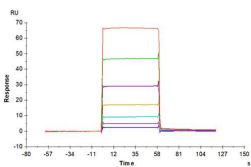
Validation Data



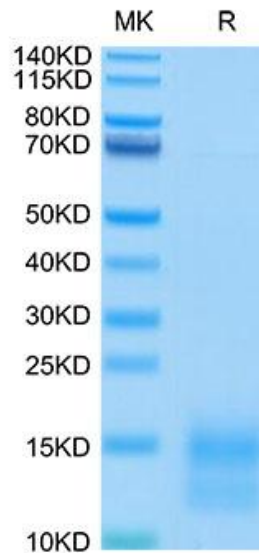
The purity of Mouse BCMA is greater than 95% as determined by SEC-HPLC.



Immobilized Mouse BCMA, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Mouse APRIL, hFc Tag with the EC₅₀ of 0.63µg/ml determined by ELISA.



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 µM as determined in SPR assay (Biacore T200).



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