

Biotinylated Recombinant Mouse TNFRSF17/BCMA /CD269 Protein

Catalog No.: RP02761B

Sequence Information

Species	Gene ID
Mouse	21935
Swiss Prot	Tags
O88472-1	C-His&Avi

Synonyms

CD269; TNFRSF17; BCMA; BCM; TNFRSF13A

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. 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.

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.

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

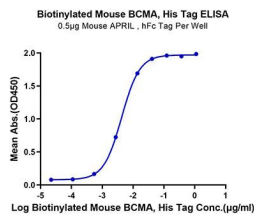
Operational Notes

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

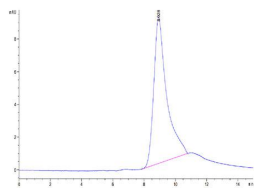
Contact

		400-999-6126
		cn.market@abclonal.com.cn
		www.abclonal.com.cn

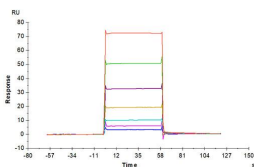
Validation Data



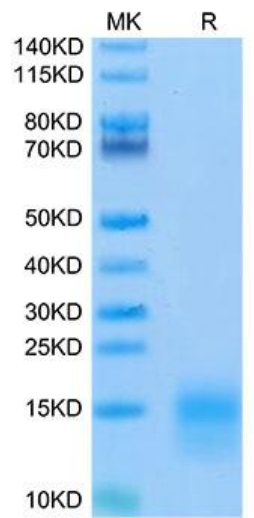
Immobilized Mouse APRIL, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Mouse BCMA, His Tag with the EC₅₀ of 4.3ng/ml determined by ELISA.



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 µM as determined in SPR assay (Biacore T200).



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