

Recombinant Cynomolgus TNFRSF17/BCMA/CD269 Protein

Catalog No.: RP02009 Recombinant

Sequence Information

Species Gene ID Swiss ProtCynomolgus 102145399 G7Q0I4

Tags C-hFc

Synonyms BCMA;TNFRSF17

Product Information

Source Purification HEK293 cells ≥ 95 % as

≥ 95 % as determined by SDS-PAGE;≥95 % as determined by

Calculated MW Observed MW

HPLC.

31.5 kDa 35-45 kDa

Endotoxin

 $< 0.1 \; \text{EU/}\mu\text{g}$ of the protein by LAL method.

Formulation

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.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 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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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 Angiopoietin-2/ANGPT2 Protein is produced by mammalian expression system. The target protein is expressed with sequence (Met1-Ala53) of cynomolgus BCMA (Accession #G7Q0I4) fused with an Fc tag at the C-terminus.

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.

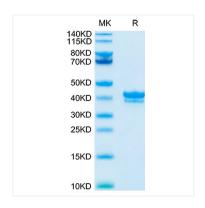
After reconstitution, the protein solution is stable at -20 $^{\circ}$ C for 3 months, at 2-8 $^{\circ}$ C for up to 1 week.

Avoid repeated freeze/thaw cycles.

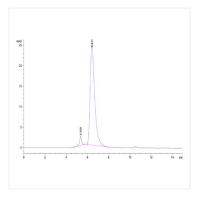
Operational Notes

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

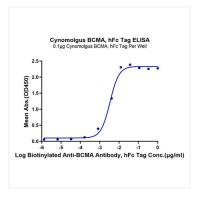
Validation Data



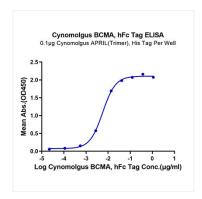
Recombinant Cynomolgus TNFRSF17/BCMA/CD269 Protein was determined by Tris-Bis PAGE under reducing conditions.



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



Immobilized Cynomolgus BCMA, hFc Tag at 1 μ g/ml (100 μ l/well) on the plate. Dose response curve for Biotinylated Anti-BCMA Antibody, hFc Tag with the EC $_{50}$ of 3.4ng/ml determined by ELISA.



Immobilized Cynomolgus APRIL (Trimer) , His Tag at 1 μ g/ml (100 μ l/well) on the plate. Dose response curve for Cynomolgus BCMA, hFc Tag with the EC $_{50}$ of 5.7ng/ml determined by ELISA.