

# Cynomolgus/Rhesus macaque BCMA/TNFRSF17 Protein

Cat. No. BCM-CM217

## Description

<b>Source</b>	Recombinant Cynomolgus/Rhesus macaque BCMA/TNFRSF17 Protein is expressed from HEK293 with hFc at the C-Terminus. It contains Met1-Ala53.
<b>Accession</b>	A0A2K5UD97/F7FFA0
<b>Molecular Weight</b>	The protein has a predicted MW of 31.5 kDa. Due to glycosylation, the protein migrates to 35-45 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

## Formulation and Storage

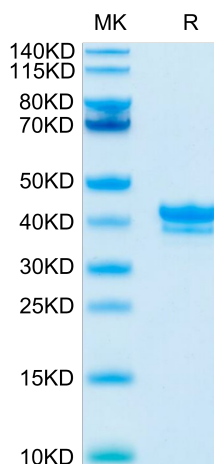
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-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).

## Assay Data

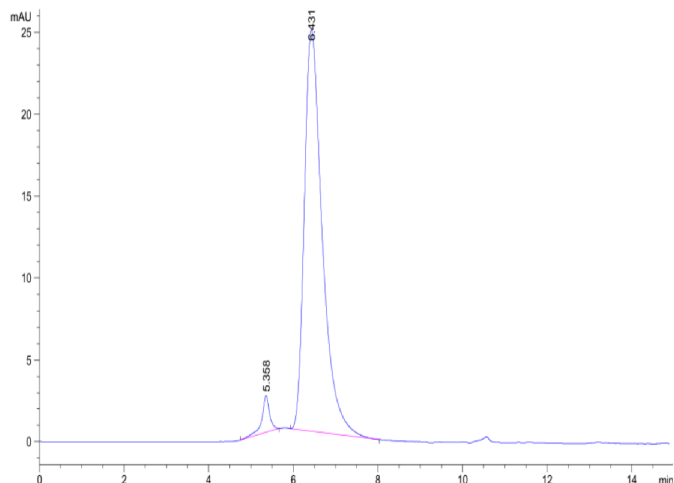
### Tris-Bis PAGE



Cynomolgus/Rhesus macaque BCMA on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC

Assay Data

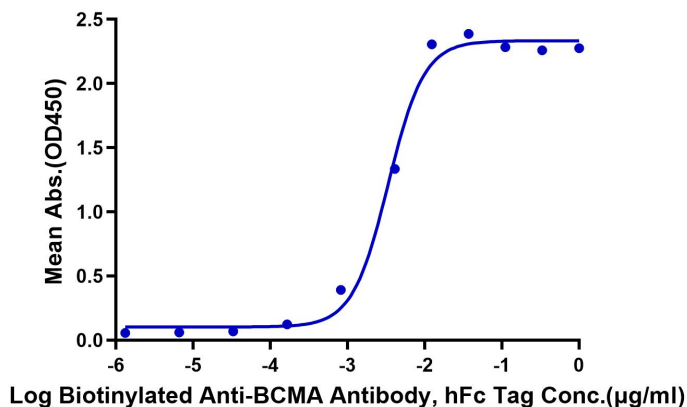


The purity of Cynomolgus/Rhesus macaque BCMA is greater than 95% as determined by SEC-HPLC.

ELISA Data

**Cynomolgus BCMA, hFc Tag ELISA**

0.1 µg Cynomolgus BCMA, hFc Tag Per Well

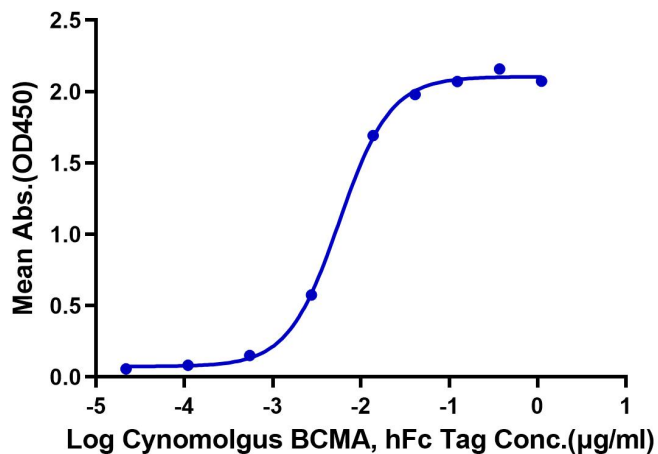


Immobilized Cynomolgus/Rhesus macaque BCMA, hFc Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Anti-BCMA Antibody, hFc Tag with the EC50 of 3.4 ng/ml determined by ELISA.

ELISA Data

**Cynomolgus BCMA, hFc Tag ELISA**

0.1 µg Cynomolgus APRIL(Trimer), His Tag Per Well



Immobilized Cynomolgus APRIL (Trimer) , His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Cynomolgus/Rhesus macaque BCMA, hFc Tag with the EC50 of 5.7 ng/ml determined by ELISA.