Cynomolgus/Rhesus macaque BCMA/TNFRSF17 Protein

Cat. No. BCM-CM217

Description

Source	Recombinant Cynomolgus/Rhesus macaque BCMA/TNFRSF17 Protein is expressed from HEK293 with hFc at the C-Terminus.
	It contains Met1-Ala53.
Accession	A0A2K5UD97/F7FFA0
Molecular Weight	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.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

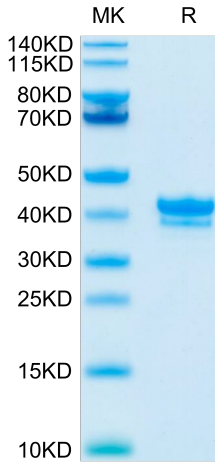
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months 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).

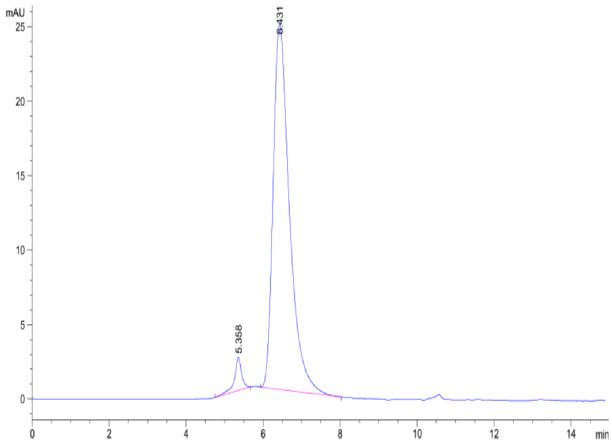
Assay Data

Tris-Bis PAGE



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

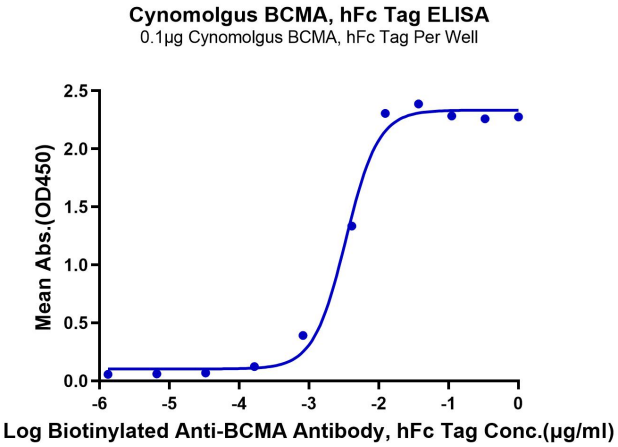
SEC-HPLC



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

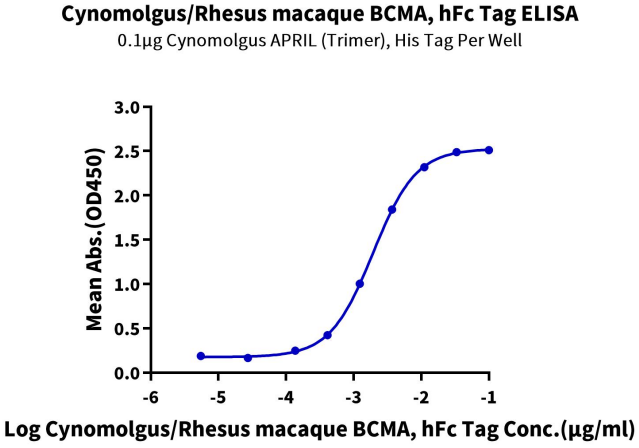
Assay Data

ELISA Data



Immobilized Cynomolgus/Rhesus macaque BCMA, hFc Tag at 1μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Anti-BCMA Antibody, hFc Tag with the EC50 of 9.6ng/ml determined by ELISA.

ELISA Data



Immobilized Cynomolgus APRIL (Trimer) , His Tag at 1μg/ml (100μl/well) on the plate. Dose response curve for Cynomolgus/Rhesus macaque BCMA, hFc Tag with the EC50 of 1.9ng/ml determined by ELISA.