

Datasheet for ABIN7273942

BCMA Protein (Trimer) (His-Avi Tag,Biotin)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	BCMA (TNFRSF17)
Protein Characteristics:	Trimer
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCMA protein is labelled with His-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Human BCMA/TNFRSF17 Trimer Protein
Sequence:	Met1-Ala54
Characteristics:	Recombinant Biotinylated Human BCMA/TNFRSF17 Trimer Protein expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Met1-Ala54.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by SEC-HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Biotinylated Human BCMA (Trimer) at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-BCMA Antibody, hFc Tag with the EC50 of 8.3ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	BCMA (TNFRSF17)
Alternative Name:	BCMA (TNFRSF17 Products)
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).
Molecular Weight:	29.5 kDa. Due to glycosylation, the protein migrates to 35-50 kDa based on Tris-Bis PAGE result.
UniProt:	Q02223

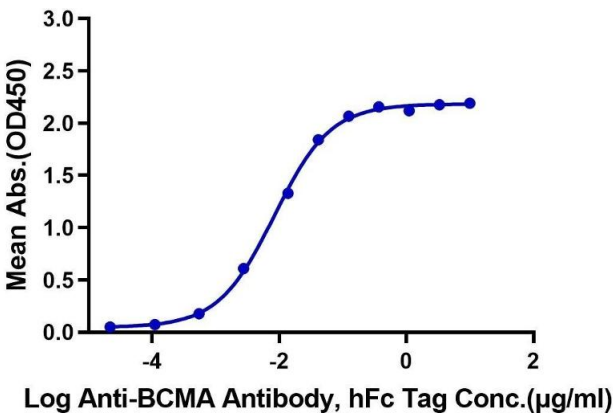
Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

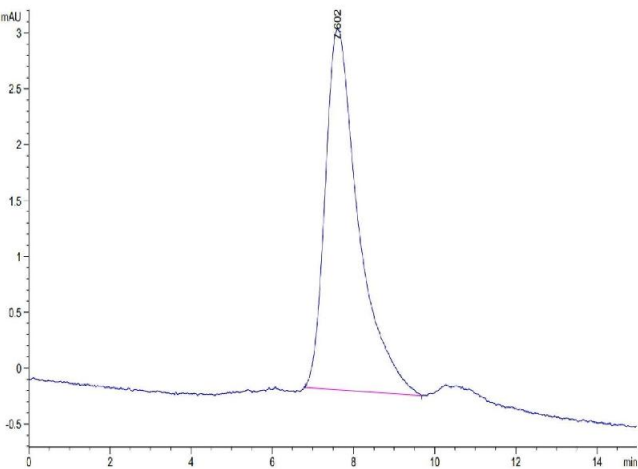
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months

Biotinylated Human BCMA (Trimer), His Tag ELISA
0.05µg Biotinylated Human BCMA (Trimer), His Tag Per Well



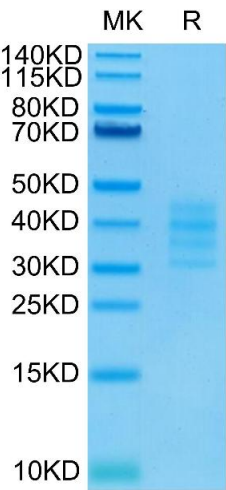
ELISA

Image 1. Immobilized Biotinylated Human BCMA (Trimer) at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-BCMA Antibody, hFc Tag with the EC50 of 8.3 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Biotunylated Human BCMA Trimer is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 3. Biotunylated Human BCMA Trimer on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .