

Datasheet for ABIN7273945

BCMA Protein (AA 1-49) (His-Avi Tag,Biotin)[Go to Product page](#)**4** Images

Overview

Quantity:	100 µg
Target:	BCMA (TNFRSF17)
Protein Characteristics:	AA 1-49
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCMA protein is labelled with His-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Mouse BCMA/TNFRSF17 Protein
Sequence:	Met1-Thr49
Characteristics:	Recombinant Biotinylated Mouse BCMA/TNFRSF17 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Met1-Thr49.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Mouse APRIL, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Mouse BCMA, His Tag with the EC50 of 2.6ng/ml determined by ELISA. The affinity constant of 5.64 µM as determined in SPR assay (Biacore T200). 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:	8.5 kDa. Due to glycosylation, the protein migrates to 12-16 kDa based on Tris-Bis PAGE result.

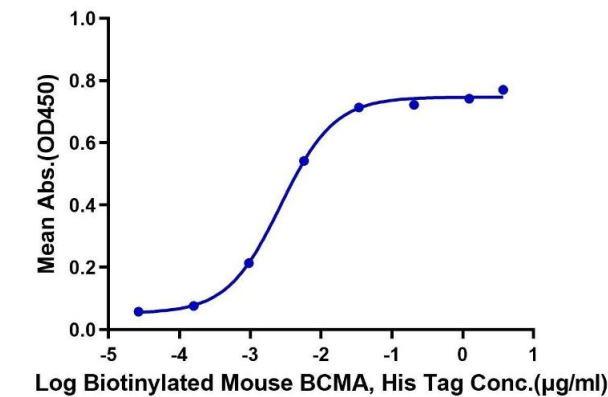
Application Details

Restrictions:	For Research Use only
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Handling

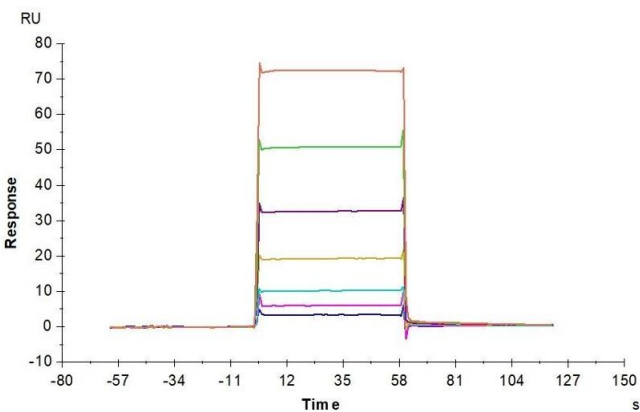
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant 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 Mouse BCMA, His Tag ELISA
0.2µg Mouse APRIL, hFc Tag Per Well



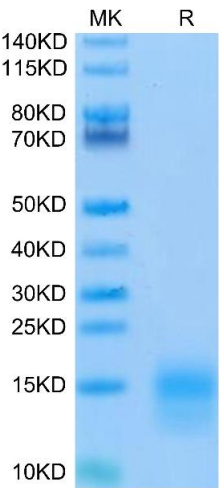
ELISA

Image 1. Immobilized Mouse APRIL, hFc Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Mouse BCMA, His Tag with the EC50 of 2.6 ng/mL determined by ELISA.



Surface Plasmon Resonance

Image 2. 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).



SDS-PAGE

Image 3. Biotinylated Mouse BCMA on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7273945.