

Datasheet for ABIN7273943
BCMA Protein (AA 1-49) (Fc Tag)

3 Images

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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 Fc Tag.

Product Details

Purpose:	Mouse BCMA/TNFRSF17 Protein
Sequence:	Met1-Thr49
Characteristics:	Recombinant Mouse BCMA/TNFRSF17 Protein is expressed from HEK293 with hFc 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:	The affinity constant of 2.68 nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

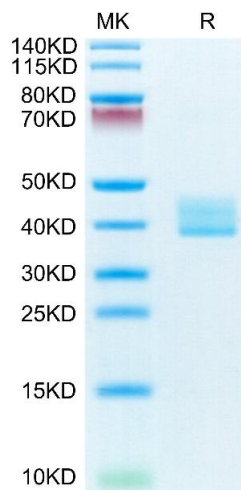
Target:	BCMA (TNFRSF17)
Alternative Name:	BCMA (TNFRSF17 Products)
Background:	B-cell maturation antigen (BCMA or BCM), also known as tumor necrosis factor receptor superfamily member 17 (TNFRSF17), is a protein that in humans is encoded by the TNFRSF17 gene. TNFRSF17 is a cell surface receptor of the TNF receptor superfamily which recognizes B-cell activating factor (BAFF).
Molecular Weight:	31 kDa. Due to glycosylation, the protein migrates to 38-45 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
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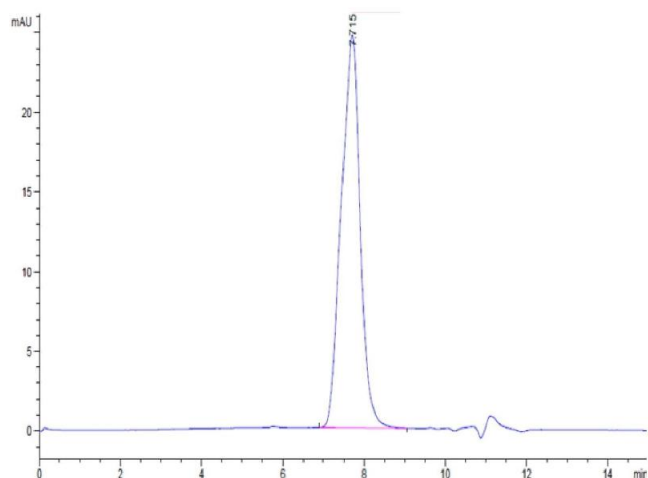
Handling

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



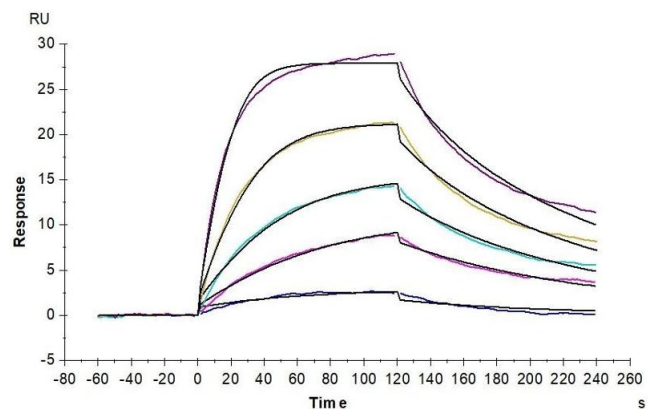
SDS-PAGE

Image 1. Mouse BCMA/TNFRSF17 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse BCMA/TNFRSF17 is greater than 95 % as determined by SEC-HPLC.



Surface Plasmon Resonance

Image 3. Human BAFF Trimer, His-Flag Tag captured on CM5 Chip via Anti-His Antibody can bind Mouse BCMA, hFc Tag with an affinity constant of 2.68 nM as determined in SPR assay (Biacore T200).