

## Biotinylated Mouse BCMA/TNFRSF17 Protein, His-Avi Tag

### 产品信息

产品名称	产品编号	规格
	93169ES60	100 µg
Biotinylated Mouse BCMA/TNFRSF17 Protein, His-Avi Tag	93169ES76	500 µg
	93169ES80	1 mg

### 产品描述

Tumor necrosis factor receptor superfamily, member 17 (TNFRSF17), also known as B cell maturation antigen (BCMA) or CD269 antigen, is a member of the TNF receptor superfamily. It is a type III membrane protein containing one extracellular cysteine rich domain. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. TNFRSF17 can binds to TNFSF13B/BLYS/BAFF and TNFSF13/APRIL, and to lead to NF-kappaB and MAPK8/JNK activation. TNFRSF17 also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. The identification of TNFRSF17 as a NF-kappaB-activating receptor for TALL-1 suggests molecular targets for drug development against certain immunodeficient or autoimmune diseases. TNFRSF17/BCMA is a target of donor B-cell immunity in patients with myeloma who respond to DLI.

### 产品性质

<b>Synonyms</b>	CD269; TNFRSF17; BCMA; BCM; TNFRSF13A
<b>Uniprot No.</b>	O88472-1
<b>Source</b>	Recombinant Biotinylated Mouse BCMA/TNFRSF17 Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Met1-Thr49.
<b>Molecular Weight</b>	The protein has a predicted MW of 8.5 kDa. Due to glycosylation, the protein migrates to 12-16 kDa based on Tris-Bis PAGE result.
<b>Physical Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Purity</b>	> 95% as determined by SDS-PAGE and HPLC
<b>Endotoxin</b>	< 1.0 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

### 运输与保存方法

The products are shipped with ice pack and can be stored at -20°C for 1 year.

2-7 days, 2 to 8 °C under sterile conditions after reconstitution.

3 -6 months, -20 to -80°C under sterile conditions after reconstitution.

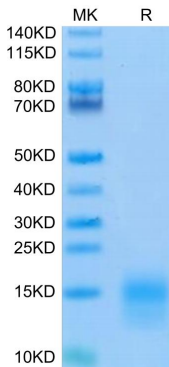
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

### 注意事项

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. For research use only!

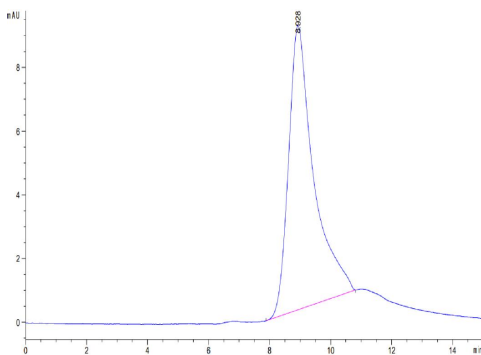
## 产品数据

### Tris-Bis PAGE



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

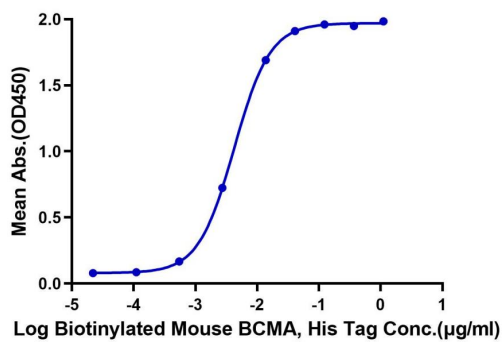
### SEC-HPLC



The purity of Biotinylated Mouse BCMA is greater than 95% as determined by SEC-HPLC.

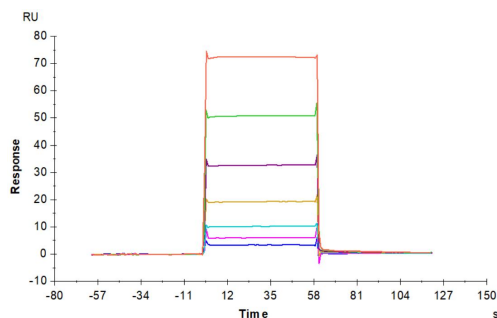
### ELISA Data

**Biotinylated Mouse BCMA, His Tag ELISA**  
 0.5µg Mouse APRIL, hFc Tag Per Well



Immobilized Mouse APRIL, hFc Tag at 5µg/mL (100µl/well) on the plate. Dose response curve for Biotinylated Mouse BCMA, His Tag with the EC<sub>50</sub> of 4.3ng/mL determined by ELISA.

### SPR Data



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).