

Biotinylated Human BCMA/TNFRSF17 Trimer Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
Biotinylated Human BCMA/TNFRSF17 Trimer Protein, His-Avi Tag	93140ES60	100 µg
	93140ES76	500 µg
	93140ES80	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

Synonyms	CD269; TNFRSF17; BCMA; BCM; TNFRSF13A
Uniprot No.	Q02223
Source	Recombinant Biotinylated Human BCMA/TNFRSF17 Trimer Protein expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Met1-Ala54.
Molecular Weight	The protein has a predicted MW of 29.5 kDa. Due to glycosylation, the protein migrates to 35-50 kDa based on Tris-Bis PAGE result.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 95% as determined by SDS-PAGE and HPLC
Endotoxin	< 1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Reconstitution	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.

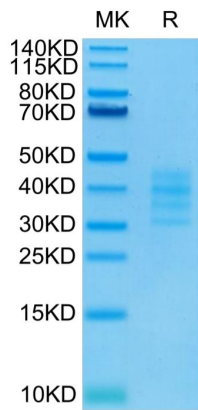
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

注意事项

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

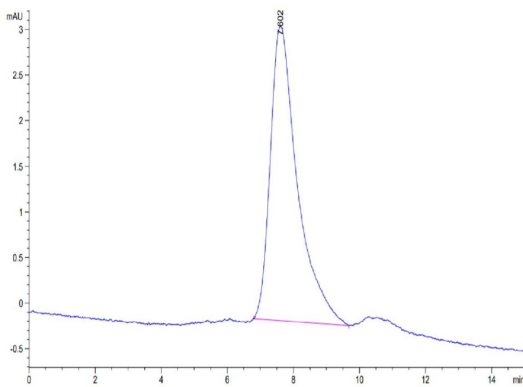
产品数据

Tris-Bis PAGE



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

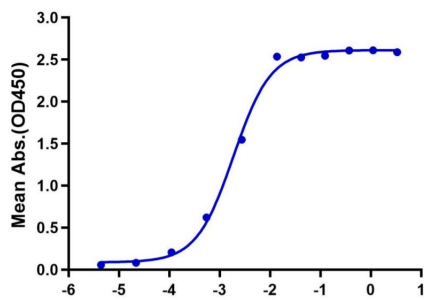
SEC-HPLC



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

ELISA Data

Biotunylated Human BCMA Trimer, His Tag ELISA
 0.1 μ g Anti-BCMA Antibody, hFc Tag Per Well



Log Biotunylated Human BCMA Trimer, His Tag Conc.(μ g/ml)

Immobilized Anti-BCMA Antibody at 1 μ g/mL (100 μ l/well) on the plate. Dose response curve for Biotunylated Human BCMA Trimer, His Tag with the EC₅₀ of 1.9ng/mL determined by ELISA.