

Recombinant Mouse BCMA/TNFRSF17 (hFc Tag)

产品信息

产品名称	产品编号	规格
Recombinant Mouse BCMA/TNFRSF17 (hFc Tag)	93112ES25	25 µg
	93112ES60	100 µg
	93112ES76	500 µg
	93112ES80	1 mg

产品描述

BCMA, B cell maturation antigen, is a member of the TNF receptor superfamily. It has been designated TNFRSF17. BCMA is a type III membrane protein containing one extracellular cysteine rich domain. Within the TNFRSF, it shares the highest homology with TACI. BCMA and TACI have both been shown to bind to APRIL and BAFF, members of the TNF ligand superfamily. BCMA expression has been found in immune organs and mature B cell lines. Although some expression has been observed at the cell surface, BCMA appears to be localized to the Golgi compartment. The binding of BCMA to APRIL or BAFF has been shown to stimulate IgM production in peripheral blood B cells and increase the survival of cultured B cells. This data suggests that BCMA may play an important role in B cell development, function and regulation. Mouse BCMA is a 185 amino acid (aa) protein consisting of a 49 aa extracellular domain, a 23 aa transmembrane domain, and a 113 aa intracellular domain. Mouse and human BCMA share 62% amino acid identity.

产品性质

别名	CD269; TNFRSF17; BCMA; BCM; TNFRSF13A
Uniprot No.	O88472.1
表达区间及表达系统	Recombinant Mouse BCMA/TNFRSF17 Protein is expressed from HEK293 Cells with hFc tag at the C-terminal. It contains Met1-Thr49.
分子量	Approximately 31 kDa. Due to glycosylation, the protein migrates to 38-45 kDa based on Tris-Bis PAGE result.
纯度	> 95% as determined by SDS-PAGE and HPLC.
活性	SPR Data: 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).
内毒素	< 1.0 EU per 1µg of the protein by the LAL method.
制剂	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
复溶	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

运输与保存方法

冰袋运输。-20°C至-80°C保存，一年有效期。

复溶后，-20 至 -80°C，在未开封状态下保存 3-6 个月。复溶后，2-8°C 保存 2-7 天。

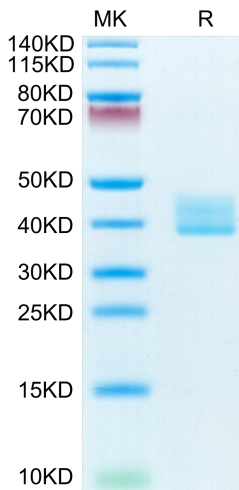
建议第一次使用时分装冻存，避免反复冻融。

注意事项

1. 避免反复冻融。
2. 为了您的安全和健康，请穿实验服并戴一次性手套操作。
3. 本产品仅作科研用途！

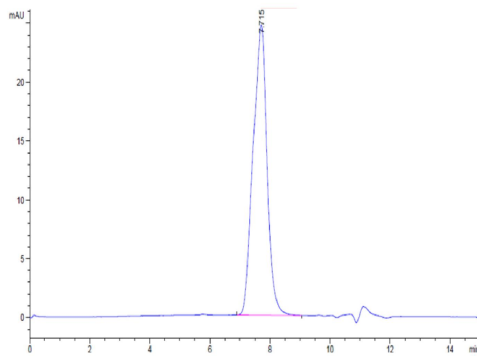
产品数据

Tris-Bis PAGE



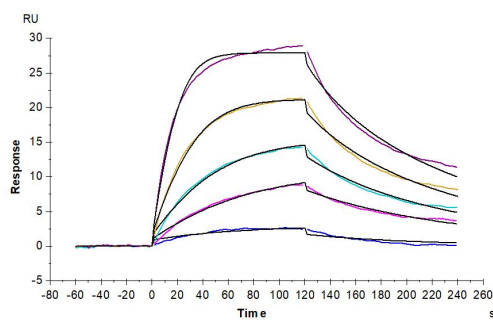
Mouse BCMA on Tris-Bis PAGE under reduced condition.
The purity is greater than 95%.

SEC-HPLC



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

SPR Data



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).