

Recombinant Human 4-1BB/TNFRSF9 (His Tag)

产品信息

产品名称	产品编号	规格
Recombinant Human 4-1BB/TNFRSF9 (His Tag)	93544ES25	25 µg
	93544ES60	100 µg
	93544ES76	500 µg
	93544ES80	1 mg

产品描述

4-1BB, is also known as CD137, is a type 2 transmembrane glycoprotein receptor belonging to the TNF superfamily. CD137 can be expressed by activated T cells, but to a larger extent on CD8 than on CD4 T cells. In addition, CD137 expression is found on dendritic cells, B cells, follicular dendritic cells, natural killer cells, granulocytes and cells of blood vessel walls at sites of inflammation.

产品性质

别名 (Synonyms)	CD137; TNFRSF9; 4-1BB ligand receptor; 41BB; 4-1BB; CDw137; FLJ43501; ILA; T cell antigen ILA
Uniprot No.	Q07011
表达区间及表达系统 (Source)	HEK293 Cells-derived Human 4-1BB/TNFRSF9 Protein, Leu24-Gln186 with His tag at the C-terminal
分子量(Molecular Weight)	Approximately 18.1 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Tris-Bis PAGE result.
外观(Physical Appearance)	Sterile Filtered White lyophilized (freeze-dried) powder.
纯度 (Purity)	> 95% as determined by SDS-PAGE and HPLC
活性 (Activity)	ELISA Data: Immobilized Human 4-1BB, His Tag at 1µg/mL (100 µL/Well) on the plate. Dose response curve for Human 4-1BB Ligand Trimer, hFc Tag with the EC ₅₀ of 5.7 ng/mL determined by ELISA.
内毒素 (Endotoxin)	< 1.0 EU per 1µg of the protein by the LAL method.
制剂 (Formulation)	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
复溶 (Reconstitution)	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。

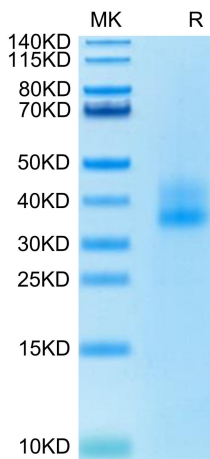
注意事项

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！

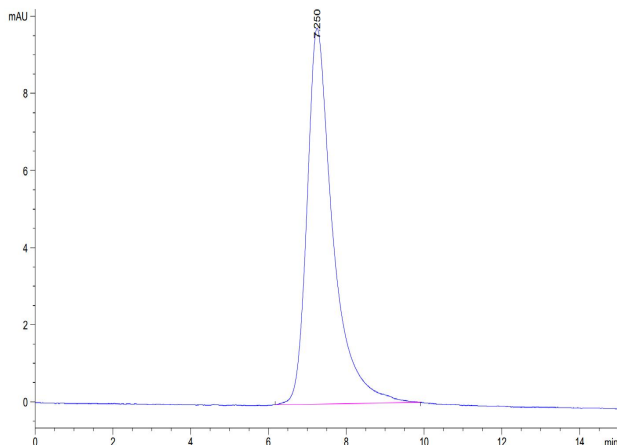
产品数据

Tris-Bis PAGE



Human 4-1BB on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

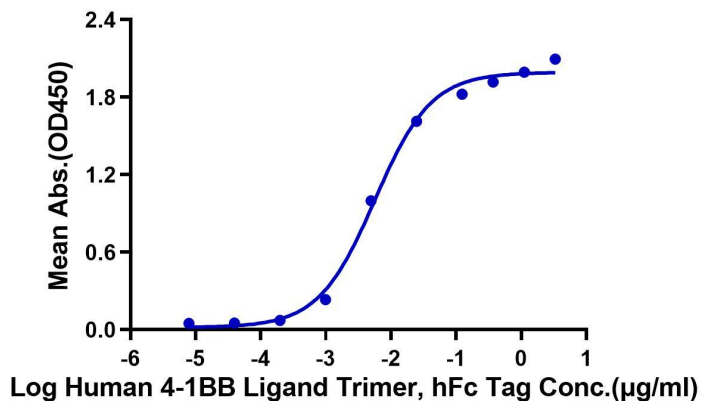


The purity of Human 4-1BB is greater than 95% as determined by SEC-HPLC.

ELISA Data

Human 4-1BB, His Tag ELISA

0.1 μ g Human 4-1BB, His Tag Per Well



Immobilized Human 4-1BB, His Tag at 1 μ g/ml (100 μ l/Well) on the plate. Dose response curve for Human 4-1BB Ligand Trimer, hFc Tag with the EC50 of 5.7ng/ml determined by ELISA.