

Recombinant Human OX40/TNFRSF4/CD134 (hFc Tag)

产品信息

产品名称	产品编号	规格
Recombinant Human OX40/TNFRSF4/CD134 (hFc Tag)	93557ES20	20 µg
	93557ES60	100 µg
	93557ES76	500 µg
	93557ES80	1 mg

产品描述

OX40 Ligand (OX40L), also known as gp34, is a type II transmembrane glycoprotein belonging to the TNF superfamily. Human OX40L cDNA encodes a 183 amino acids (aa) polypeptide with an amino-terminal cytoplasmic domain (aa 1-23) and a carboxy-terminal extracellular domain (aa 51-183). It shares 46% aa sequence identity with the mouse counterpart. OX40L is expressed on the surface of activated B cells, T cells, dendritic cells and endothelial cells. Engagement of OX40 on activated T cells in situ in tumors has been shown to augment immune responses and subsequent tumor regression.

产品性质

别名 (Synonyms)	CD134, OX40L receptor, TNFRSF4, ACT-135, Ly-70, OX40 homologue, TXGP1L, IMD16
Uniprot No.	P43489
表达区间及表达系统 (Source)	HEK293 Cells-derived Human OX40 / TNFRSF4 / CD134 Protein, Leu29-Ala216 with hFc tag at the C-terminal
分子量(Molecular Weight)	Approximately 46.8 kDa. Due to glycosylation, the protein migrates to 70-78 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
活性 (Activity)	ELISA Data: Immobilized Human OX40 Ligand (Trimer) , His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Human OX40, hFc Tag with the EC ₅₀ of 0.27 µg/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 1mg/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。

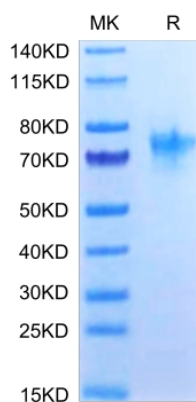
注意事项

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

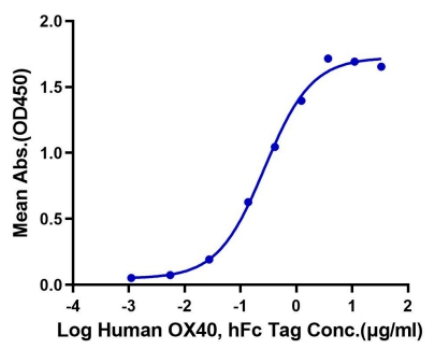


Human OX40 on Tris-Bis PAGE under reduced condition.
The purity is greater than 95%.

ELISA Data

Human OX40, hFc Tag ELISA

0.1 μ g Human OX40 Ligand (Trimer), His Tag Per Well



Immobilized Human OX40 Ligand (Trimer) , His Tag at 1 μ g/mL (100 μ L/well) on the plate. Dose response curve for Human OX40, hFc Tag with the EC_{50} of 0.27 μ g/mL determined by ELISA.