

Recombinant Human Fas/TNFRSF6/CD95 (hFc Tag)

产品信息

产品名称	产品编号	规格
Recombinant Human Fas/TNFRSF6/CD95 (hFc Tag)	94143ES25	25 µg
	94143ES60	100 µg
	94143ES76	500 µg
	94143ES80	1 mg

产品描述

Fas, also known as APO-1 or CD95, belongs to the death receptor subfamily of the TNF receptor superfamily and is designated TNFRSF6. All appear to block the extrinsic apoptosis pathway induced by the Fas ligand (FasL, TNFSF6), a type II transmembrane protein of the TNF family that can be expressed on activated T-lymphocytes, NK cells and cells in immune privileged sites, or shed in soluble form. Engagement of FAS induces oligomerization of preformed Fas trimers. The activated receptor recruits the adaptor molecule FADD to form the Death-Inducing Signaling Complex (DISC). Upon activation, caspases in the DISC initiate the apoptotic signaling cascade. Fas is prominent in epithelial cells, hepatocytes, activated mature lymphocytes, virus-transformed lymphocytes and tumor cells. It is an essential mediator in the activation-induced death of T lymphocytes that terminates the immune reaction. In immune-privileged tissues, infiltrating Fas-bearing lymphocytes and inflammatory cells are killed by FasL engagement. Both humans and mice with genetic defects in Fas accumulate abnormal lymphocytes and develop systemic autoimmunity. The Fas pathway also appears to cross-communicate with the BIM (mitochondrial/intrinsic) apoptosis pathway.

产品性质

别名	FASLG receptor; CD95; APT1; FAS1; TNFRSF6; FAS; ALPS1A; APO1; FASTM; FasR
Uniprot No.	P25445.1
表达区间及表达系统	Recombinant Human Fas/TNFRSF6/CD95 Protein is expressed from HEK293 Cells with hFc tag at the C-terminal. It contains Gln26-Asn173.
分子量	Approximately 43.4 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
纯度	> 95% as determined by SDS-PAGE and HPLC.
活性	ELISA Data : Immobilized Human Fas Ligand, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human Fas, hFc Tag with the EC50 of 0.12µg/ml determined by ELISA.
内毒素	< 1.0 EU per 1µg of the protein by the LAL method.
制剂	Lyophilized from 0.22µm 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。

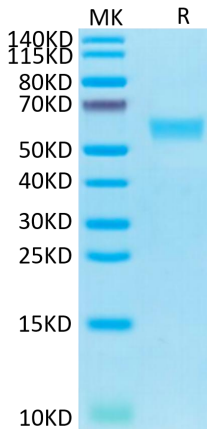
建议第一次使用时分装冻存，避免反复冻融。

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！

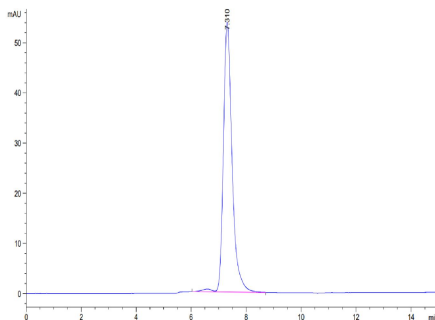
产品数据

Tris-Bis PAGE



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

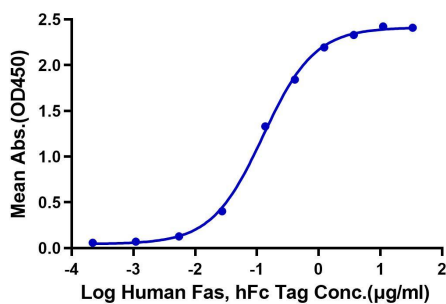
SEC-HPLC



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

ELISA Data

Human Fas, hFc Tag ELISA
0.2 μ g Human Fas Ligand, His Tag Per Well



Immobilized Human Fas Ligand, His Tag at 2 μ g/ml (100 μ l/Well) on the plate. Dose response curve for Human Fas, hFc Tag with the EC50 of 0.12 μ g/ml determined by ELISA.