

Recombinant Human Siglec-3 / CD33 (hFc Tag)

产品信息

产品名称	产品编号	规格
Recombinant Human Siglec-3 / CD33 (hFc Tag)	93109ES20	20 µg
	93109ES60	100 µg
	93109ES76	500 µg
	93109ES80	1 mg

产品描述

Human Siglec-3 is alternatively known as myeloid cell surface antigen CD33 and GP67. To date, no Siglec has been shown to recognize any cell surface ligand other than sialic acids, suggesting that interactions with glycans containing this carbohydrate are important in mediating the biological functions of Siglecs. Siglecs 5 to 11 share a high degree of sequence similarity with CD33/Siglec-3 both in their extracellular and intracellular regions. Siglec-3 expression is restricted to cells of myelomonocytic lineage.

产品性质

别名 (Synonyms)	CD33 molecule, CD33, FLJ00391, gp67, Siglec3, Siglec-3, p67
Uniprot No.	P20138-1
表达区间及表达系统 (Source)	Recombinant Human Siglec-3 / CD33 Protein is expressed from HEK293 Cells with hFc tag at the C-terminal. It contains Asp18-His259.
分子量(Molecular Weight)	Approximately 53.6 kDa. Due to glycosylation, the protein migrates to 68-80 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 Siglec-3 at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Anti-Siglec-3 Antibody, hFc Tag with the EC ₅₀ of 33.9 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。

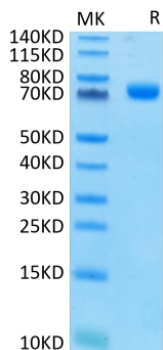
注意事项

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！

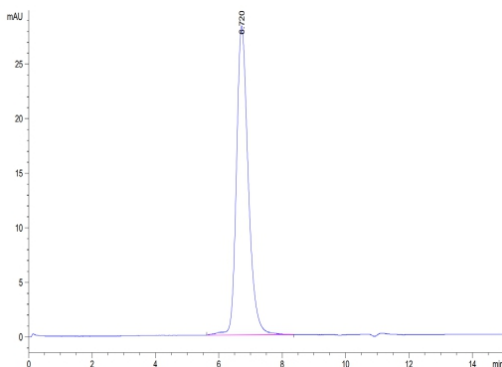
产品数据

Tris-Bis PAGE



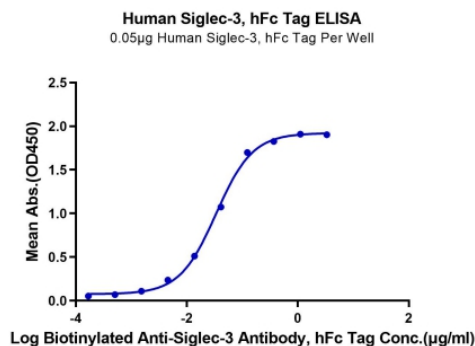
Human Siglec-3 on Tris-Bis PAGE under reduced conditions.
The purity is greater than 95%.

SEC-HPLC



The purity of Human Siglec-3 is greater than 95% as determined by SEC-HPLC.

ELISA Data



Immobilized Human Siglec-3 at 0.5 μ g/mL (100 μ L/well) on the plate. Dose response curve for Biotinylated Anti-Siglec-3 Antibody, hFc Tag with the EC_{50} of 33.9 ng/mL determined by ELISA.