

## Recombinant Human FLT3 / Flk-2 (His-Avi Tag)

### 产品信息

产品名称	产品编号	规格
Recombinant Human FLT3 / Flk-2 (His-Avi Tag)	93750ES20	20 µg
	93750ES60	100 µg
	93750ES76	500 µg
	93750ES80	1 mg

### 产品描述

The Flt-3 (fms-like tyrosine kinase) receptor, also named Flk-2 (fetal liver kinase) and Stk-1 (stem cell tyrosine kinase) is a 130-155 kDa member of the class III subfamily of receptor tyrosine kinases that also includes KIT, the receptor for SCF and FMS, the receptor for M-CSF. Within ECD human Flt-3 shares 85% and 82% aa sequence identity with mouse and rat Flt-3. Flt-3 expression has been detected in various tissues, including placenta, gonads, and tissues of nervous and hematopoietic origin. Among hematopoietic cells, the expression of Flt-3 was found to be restricted to the highly enriched stem/progenitor cell populations.

### 产品性质

别名 (Synonyms)	CD135, FLK2, STK-1, FLT-3
Uniprot No.	P36888-1
表达区间及表达系统 (Source)	Recombinant Human FLT3 / Flk-2 Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Asn27-Asn541.
分子量 (Molecular Weight)	Approximately 61.2 kDa. Due to glycosylation, the protein migrates to 80-105 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)	<b>ELISA Data:</b> Immobilized Human FLT3, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Human FLT3 Ligand, hFc Tag with the EC <sub>50</sub> of 0.1 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 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。

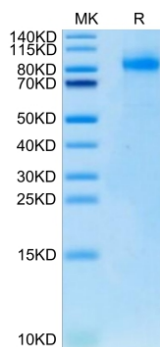
建议第一次使用时分装冻存，避免反复冻融。

## 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！

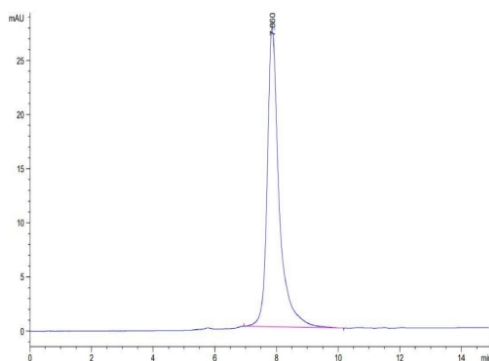
## 产品数据

### Tris-Bis PAGE



Human FLT3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

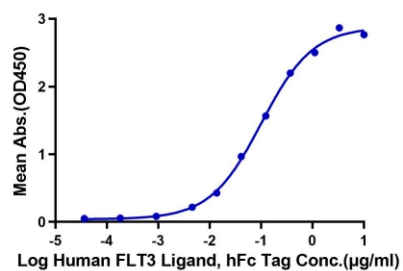
### SEC-HPLC



The purity of Human FLT3 is greater than 95% as determined by SEC-HPLC.

### ELISA Data

**Human FLT3, His Tag ELISA**  
0.05 $\mu$ g Human FLT3, His Tag Per Well



Immobilized Human FLT3, His Tag at 0.5  $\mu$ g/mL (100  $\mu$ L/Well) on the plate. Dose response curve for Human FLT3 Ligand, hFc Tag with the  $EC_{50}$  of 0.1  $\mu$ g/mL determined by ELISA.