

Recombinant Human FGFR4 (hFc Tag)

产品信息

产品名称	产品编号	规格
Recombinant Human FGFR4 (hFc Tag)	93397ES20	20 µg
	93397ES60	100 µg
	93397ES76	500 µg
	93397ES80	1 mg

产品描述

Fibroblast growth factor receptor 4 (FGF R4), also known as CD334, is a 110 kDa glycosylated transmembrane receptor tyrosine kinase. Within the ECD, human FGF R4 shares 90% and 88% aa sequence identity with mouse and rat FGF R4, respectively. A 65 kDa N-terminally truncated isoform lacks the signal peptide and first two Ig-like domains. This isoform is produced in human pituitary adenomas and is constitutively phosphorylated and oncogenic. FGF R4 is widely expressed during embryonic development and in adult liver, kidney, and lung. It binds FGF acidic, FGF basic, FGF-8, -15, and -19. FGF R4 supports glucose tolerance and insulin sensitivity and protects against hyperlipidemia. It is down-regulated in the liver during fasting and is up-regulated by insulin. It can exert either proliferative or apoptotic effects on hepatocytes.

产品性质

别名 (Synonyms)	CD334, FGF R4, FGFR4, FGFR-4, MGC20292, JTK2, TKF
Uniprot No.	P22455
表达区间及表达系统 (Source)	Recombinant Human FGFR4 Protein is expressed from HEK293 Cells with hFc tag at the C-terminal. It contains Leu22-Asp369.
分子量(Molecular Weight)	Approximately 65.3 kDa. Due to glycosylation, the protein migrates to 80-95 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)	Testing in progress
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。

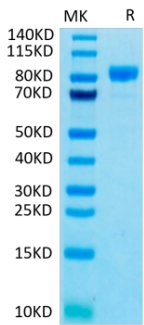
注意事项

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！

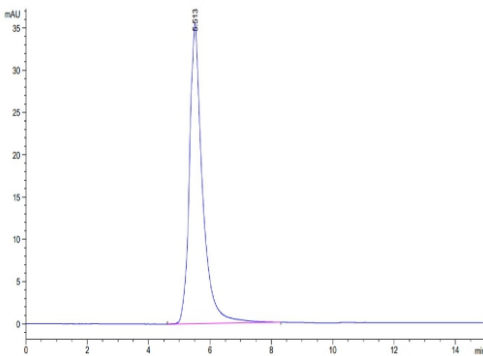
产品数据

Tris-Bis PAGE



Human FGFR4 on Tris-Bis PAGE under reduced conditions.
The purity is greater than 95%.

SEC-HPLC



The purity of Human FGFR4 is greater than 95% as determined by SEC-HPLC.