

## Biotinylated Recombinant Human FGFR1 alpha(IIIc) Protein ,His-Avi Tag

### 产品信息

产品名称	产品编号	规格
Biotinylated Recombinant Human FGFR1 alpha(IIIc) Protein ,His-Avi Tag	93594ES25	25 µg
	93594ES60	100 µg
	93594ES76	500 µg
	93594ES80	1 mg

### 产品描述

Fibroblast growth factors (FGFs) comprise a family of at least eighteen structurally related proteins that are involved in a multitude of physiological and pathological cellular processes, including cell growth, differentiation, angiogenesis, wound healing and tumorigenesis. All four genes for FGF Rs encode proteins with an N-terminal signal peptide, three immunoglobulin (Ig)-like domains, an acid-box region containing a run of acidic residues between the IgI and IgII domains, a transmembrane domain and the split tyrosine-kinase domain. Additional splicing events for FGF R1-3, involving the C-terminal half of the IgIII domain encoded by two mutually exclusive alternative exons, generate FGF receptors with alternative IgIII domains (IIIb and IIIc). Mutations in FGF R1-3 have been found in patients with birth defects involving craniosynostosis.

### 产品性质

别名	FGF R1a; FGFR1 alpha
Uniprot No.	P11362.7
表达区间及表达系统	Recombinant Biotinylated Human FGFR1 alpha (IIIc) Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Arg22-Glu374.
分子量	The protein has a predicted MW of 42 kDa. Due to glycosylation, the protein migrates to 60-80 kDa based on Tris-Bis PAGE result.
纯度	> 95% as determined by SDS-PAGE and HPLC.
活性	<b>ELISA Data:</b> Immobilized Anti-FGFR1 Antibody, hFc Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human FGFR1 alpha (IIIc) , His Tag with the EC <sub>50</sub> of 25.9 ng/mL determined by ELISA.
内毒素	< 1.0 EU per 1 µg of the protein by the LAL method.
制剂	Lyophilized from 0.22 µm 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。

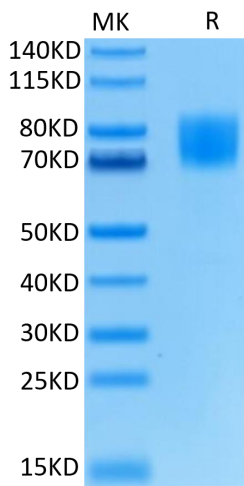
建议第一次使用时分装冻存，避免反复冻融。

## 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！

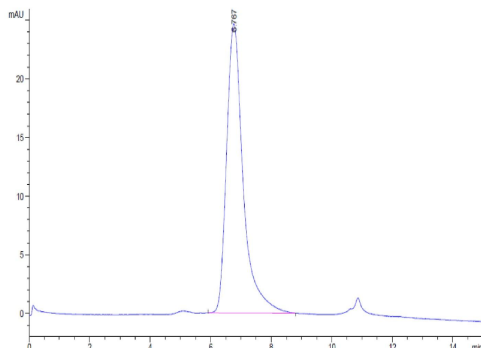
## 产品数据

### Tris-Bis PAGE



Biotinylated Human FGFR1 alpha (IIIc) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

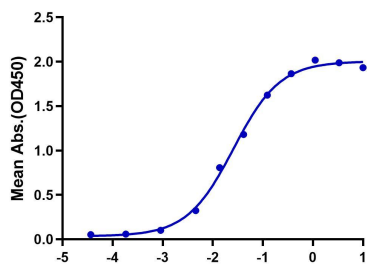
### SEC-HPLC



The purity of Biotinylated Human FGFR1 alpha (IIIc) is greater than 95% as determined by SEC-HPLC.

### ELISA Data

**Biotinylated Human FGFR1 alpha (IIIc), His Tag ELISA**  
0.05 $\mu$ g Anti-FGFR1 Anitibody, hFc Tag Per Well



Log Biotinylated Human FGFR1 alpha (IIIc), His Tag Conc. ( $\mu$ g/ml)

Immobilized Anti-FGFR1 Anitibody, hFc Tag at 0.5  $\mu$ g/mL (100  $\mu$ L/Well) on the plate. Dose response curve for Biotinylated Human FGFR1 alpha (IIIc) , His Tag with the  $EC_{50}$  of 25.9 ng/mL determined by ELISA.