

Recombinant Human FGFR2 alpha (IIIb) (hFc Tag)

产品信息

产品名称	产品编号	规格
Recombinant Human FGFR2 alpha (IIIb) (hFc Tag)	93398ES20	20 µg
	93398ES60	100 µg
	93398ES76	500 µg
	93398ES80	1 mg

产品描述

Four distinct genes encoding closely related FGF receptors, FGF R1 - 4. 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. Only the alpha isoform has been identified for FGF R3 and FGF R4. 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.

产品性质

别名 (Synonyms)	FGF R2a, FGFR2 alpha, KGFR, CD332, BBDS, BEK, BFR-1, CEK3, CFD1, ECT1, JWS, K-SAM, KGFR, TK14, TK25, FLJ98662
Uniprot No.	P21802-3
表达区间及表达系统 (Source)	Recombinant Human FGFR2 alpha (IIIb) Protein is expressed from HEK293 Cells with hFc tag at the C-terminal. It contains Arg22-Glu378.
分子量(Molecular Weight)	Approximately 66.4 kDa. Due to glycosylation, the protein migrates to 80-115 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 FGFR2 alpha IIIb, hFc tag at 0.5 µg/mL (100 µL/Well). Dose response curve for Biotinylated Anti-FGFR2 Ab., hFc Tag with the EC ₅₀ of 10.0 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。

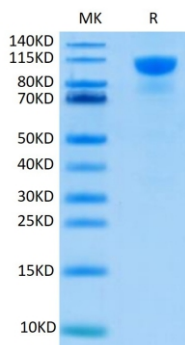
建议第一次使用时分装冻存，避免反复冻融。

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！

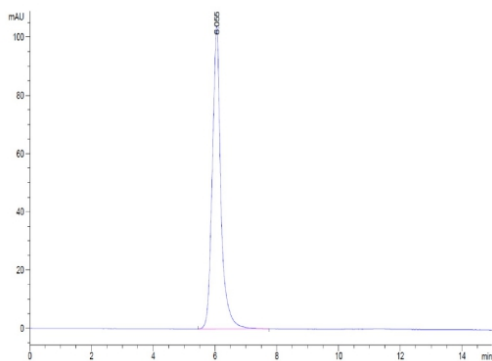
产品数据

Tris-Bis PAGE



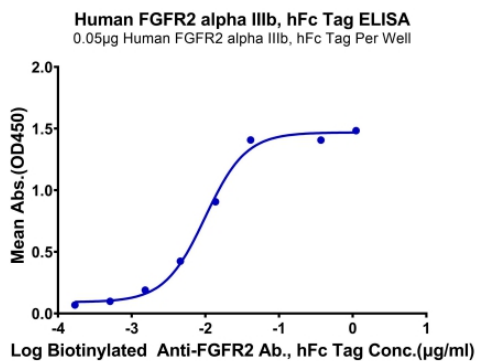
Human FGFR2 alpha (IIIb) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human FGFR2 alpha (IIIb) is greater than 95% as determined by SEC-HPLC.

ELISA Data



Immobilized Human FGFR2 alpha IIIb, hFc tag at 0.5 μ g/mL (100 μ L/Well). Dose response curve for Biotinylated Anti-FGFR2 Ab., hFc Tag with the EC_{50} of 10.0 ng/mL determined by ELISA.