Recombinant Human FGF-21(Fibroblast growth factor-21)

编号: PY2163

规格: 5 μg
20 μg
100 μg
500 μg
1 mg

类别: 重组蛋白

应用: Functional Assay

产品简介

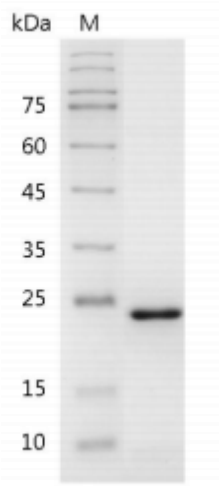
描述: FGF-21 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF-21 is produced by hepatocytes in response to free fatty acid (FFA) stimulation of a PPARa/RXR dimeric complex. This situation occurs clinically during starvation, or following the ingestion of a high-fat/low-carbohydrate diet. Upon FGF-21 secretion, white adipose tissue is induced to release FFAs from triglyceride stores. Once FFAs reach hepatocytes, they are oxidized and reduced to acetyl-CoA.

来源: *Escherichia coli*

纯度: >98% as determined by SDS-PAGE. Ni- NTA chromatography.

生物学活性: Measure by its ability to induce proliferation in BaF3 cells transfected with human FGFRIIIc. The ED_{50} for this effect is <0.4 μg/mL.

内毒素检测: <0.1 EU per 1 μg of the protein by the LAL method.



SDS- PAGE analysis of recombinant human FGF- 2 1

蛋白序列：

MHPIPDSSPLLQFGGQVRQRYLYTDD
AQQTEAHLEIREDGTVGGAADQSPES
LLQLKALKPGVIQILGVKTSRFLCQRP
DGALYGSLHFDPEACSFRELLLEDGYN
VYQSEAHGLPLHLPGNKSPHRDPAPR
GPARFLPLPGLPPALPEPPGILAPQPP
DVGSSDPLSMVGPSQGRSPSYAS
with polyhistidine tag at the C-terminus

产品组成

成分：

从含有 1X PBS， pH 8.0 溶液中冻干的蛋白质.

产品储存运输

产品形式	储存温度	储存时间
冻干粉	-20℃至-80℃	自收到之日起1年
重悬液（初始）	2℃至8℃	不超过1周
重悬液（经稀释）	-20℃至-80℃	3到6个月

运输方式：

蓝冰

产品使用

1、开盖前，建议3000-3500rpm离心5min。

2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100μg/mL，不高于1mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。

3、重悬后的溶液，2-8℃无菌保存不超过1周。

4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1%BSA、10%FBS 或5%HSA）的溶液进一步稀释（不低于10ug/mL）后分装保存，-20℃至-80℃无菌保存3到6个月。无血清实验需求时，可更换为 5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry; FACS= Fluorescence activated Cell Sorting; FA= Functional Assay