

CHAMOT

Recombinant Human FGF-20

CM109-5HP
CM109-20HP
CM109-100HP
CM109-500HP
CM109-1000HP



CHAMOT

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Recombinant Human FGF-20(Fibroblast growth factor-20)

编号:	CM109-5HP CM109-20HP CM109-100HP CM109-500HP CM109-1000HP	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-20 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-20 signals through FGFR 2c and 3c, and is expressed during limb and brain development. Recombinant Human FGF-20 is a 23.2 kDa protein containing 209 amino acid residues.

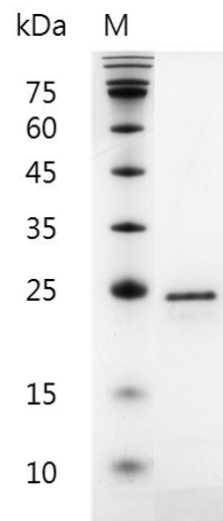
来源: *Escherichia coli*

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

生物学活性: Measure by its ability to induce 3T3 cells proliferation. The ED₅₀ for this effect is 1.3-3.2 ng/mL. The specific activity of recombinant human FGF-20 is > 2 x 10⁵ IU/mg.

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

蛋白序列: MPLAEVGGFLGGLEGLGQQVGSFLL
 PPAGERPPLLGERSSAERSARGGPG
 AAQLAHLHGILRRRQLYCRTGFHLQIL
 PDGSVQGTRQDHSFLGILEFISVAVGL
 VSIRGVDSGLYLGMNDKGELYGSEKL
 TSECIFREQFEENWYNTYSSNIYKHGD
 TGRRYFVALNKDGTPRDGARSKRHQ



SDS-PAGE analysis of recombinant human FGF-20

KFTHFLPRVPDPERVPELYKDLLMYT
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