

CHAMOT

Recombinant Human FGF-3

CM092-5HP
CM092-20HP
CM092-100HP
CM092-500HP
CM092-1000HP



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CONTENT

1 产品简介

2 产品组成

3 产品储存

4 产品使用

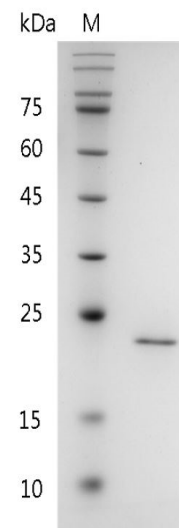
Recombinant Human FGF-3 (Fibroblast growth factor-3)

编号:	CM092-5HP CM092-20HP CM092-100HP CM092-500HP CM092-1000HP	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: Fibroblast Growth Factor 3 (FGF-3) belongs to the large FGF family which has at least 23 members (1, 2). All FGF family members are heparin-binding growth factors with a core 120 amino acid (aa) FGF domain that allows for a common tertiary structure. Studies have suggested that FGF-3 and FGF-8 function synergistically in otic placode induction and during neuronal development to regulate dorsoventral axis formation. During development, the activities of FGF-3 and FGF-8 are regulated negatively by the sprouty family proteins and by Sef (similar expression t)

来源: *Escherichia coli*
纯度: >95% 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 < 78 ng/mL.
内毒素检测: < 0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列: MDAGGRGGVYEH LGGAPRRRKLYCA
 TKYHLQLHPSGRVNGSLENSAYSILEIT
 AVEVGIVAIRGLFSGRYLAMNKRGRLY
 ASEHYSAECEFVERIHELGYNTYASRLY
 RTVSSTPGARRQPSAERLWYVSVNGK



SDS- PAGE analysis of recombinant human FGF-3

GRPRRGFKTRRTQKSSLFLPRVLDHR
DHEMVRQLQSGLP RPPGKGVQPRRR
R with polyhistidine tag at the C-terminus

产品组成

成分：从含有 1X PBS, pH 7.4 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°C至-80°C	自收到之日起1年
重悬液 (初始)	2°C至8°C	不超过1周
重悬液 (经稀释)	-20°C至-80°C	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°C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°C至-80°C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