

CHAMOT

Recombinant Human FGF-5

CM094-5HP
CM094-20HP
CM094-100HP
CM094-500HP
CM094-1000HP



CHAMOT

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Recombinant Human FGF-5 (Fibroblast growth factor-5)

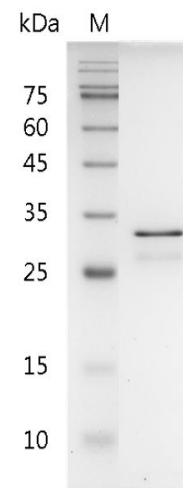
编号:	CM094-5HP CM094-20HP CM094-100HP CM094-500HP CM094-1000HP	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述: FGF-5 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. In the nervous system, FGF-5 has been most often identified in neurons associated with the limbic system, notably in neurons of the olfactory bulb and pyramidal cells of the hippocampus.

Hippocampal FGF-5 is suggested to serve as a neurotrophic and differentiative factor for cholinergic and serotonergic neurons projecting to this region.

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 <0.7 ng/mL. The specific activity of recombinant human FGF-5 is >1.4 x 10⁶ IU/mg.
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-5

蛋白序列: MAWAHGEKRLAPKGQPGPAATDRN
 PIGSSSRQSSSSAMSSSSASSSPAASL
 GSQGSQGLEQSSFQWSPSGRRTGSLYC
 RVGIGFHLQIYPDGKVNGSHEANMLS
 VLEIFAVSQGIVGIRGVFSNKFLAMSK
 KGKLHASAKFTDDCKFRERFQENSYN
 TYASAIHRTEKTGREWYVALNKRKGA
 KRGCSPRVKPQHISTHFLPRFKQSEQP
 ELSFTVTVPKKNPPSPIKSK
 IPLSAPRKNT NSVKYRLKFRFG 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°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