

# CHAMOT

## Recombinant Human FGF-9

CM098-5HP  
CM098-20HP  
CM098-100HP  
CM098-500HP  
CM098-1000HP



CHAMOT

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## Recombinant Human FGF-9 (Fibroblast growth factor-9)

|     |                                                                       |     |                                           |
|-----|-----------------------------------------------------------------------|-----|-------------------------------------------|
| 编号: | CM098-5HP<br>CM098-20HP<br>CM098-100HP<br>CM098-500HP<br>CM098-1000HP | 规格: | 5 µg<br>20 µg<br>100 µg<br>500 µg<br>1 mg |
| 类别: | 重组蛋白                                                                  | 应用: | Functional Assay                          |

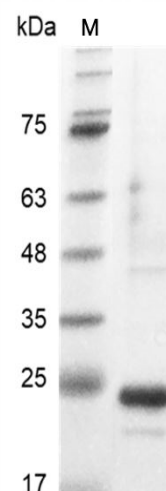
### 产品简介

**描述:** FGF-9 (fibroblast growth factor-9), also called HBGF-9 (heparin-binding growth factor-9) and GAF (glia-activating factor), is an approximately 26 kDa secreted glycoprotein of the FGF family (1-3). 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. FGF9 plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration.

**来源:** *Escherichia coli*  
**纯度:** >95% as determined by SDS-PAGE.  
**生物学活性:** Measure by its ability to induce 3T3 cells proliferation. The ED<sub>50</sub> for this effect is < 2 ng/mL.

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

**蛋白序列:** MPLGEVGNFYFGVQDAVPFGNVPVLP  
 VDSPVLLSDHLGQSEAGGLPRGPAVT  
 DLDHLKGILRRRQLYCRTGFHLEIFPN  
 GTIQGTRKDHSRFGILEFISIAVGLVSIR  
 GVDSGLYLGMNEKGELYGSEKLTQEC  
 VFREQFEENWYNTYSSNLYKHVDTR  
 RYYVALNKDGTTPREGTRTKRHQKFTH  
 FLPRPVPDPKVPELYKDILSQS with  
 polyhistidine tag at the C-terminus



SDS- PAGE analysis of recombinant human FGF-9

## 产品组成

成分： 从含有 50 mM Tris, 150 mM NaCl, pH 8.5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