

# CHAMOT

## Recombinant Mouse IGF- II

CM095-5MP

CM095-20MP

CM095-50MP

CM095-500MP

CM095-1000MP



CHAMOT

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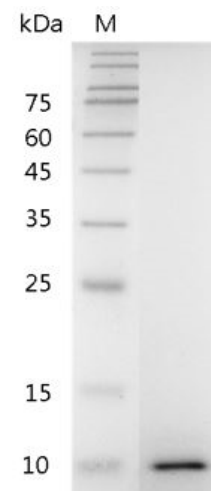
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## Recombinant Mouse IGF-II (Insulin-like growth factor-II)

|     |                                                                      |     |                                          |
|-----|----------------------------------------------------------------------|-----|------------------------------------------|
| 编号: | CM095-5MP<br>CM095-20MP<br>CM095-50MP<br>CM095-500MP<br>CM095-1000MP | 规格: | 5 µg<br>20 µg<br>50 µg<br>500 µg<br>1 mg |
| 类别: | 重组蛋白                                                                 | 应用: | Functional Assay                         |

### 产品简介

|        |                                                                                                                                                                                                                                                                                                                                       |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 描述:    | Insulin-like growth factor 2 (IGF-2) is one of three protein hormones that share structural similarity to insulin. The major role of IGF-2 is as a growth promoting hormone during gestation. It is believed to be a major fetal growth factor in contrast to Insulin-like growth factor 1, which is a major growth factor in adults. |
| 来源:    | <i>Escherichia coli</i>                                                                                                                                                                                                                                                                                                               |
| 纯度:    | >98% as determined by SDS-PAGE. Ni-NTA chromatography.                                                                                                                                                                                                                                                                                |
| 生物学活性: | Measure by its ability to induce MCF-7 cells proliferation. The ED <sub>50</sub> for this effect is < 6 ng/mL. The specific activity of recombinant mouse IGF-II is > 1.5 x 10 <sup>5</sup> IU/mg.                                                                                                                                    |
| 内毒素检测: | < 0.1 EU per 1 µg of the protein by the LAL method.                                                                                                                                                                                                                                                                                   |
| 蛋白序列:  | YGPGETLCGGELVDTLQFVCSDRGFY<br>FSRPSSRANRRSRGIVECCFRSCDLA<br>LLETYCATPAKSE with polyhistidine tag at the N-terminus                                                                                                                                                                                                                    |



SDS-PAGE analysis of recombinant mouse IGF-II

### 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