

CHAMOT

Recombinant FGF-2(154 a.a.), Human, GMP

CM091-100HPG
CM091-1000HPG



CHAMOT

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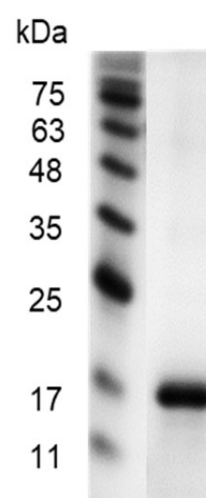
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Recombinant FGF-2 (154 a.a.) (Fibroblast growth factor, basic) , Human, GMP

编号:	CM091-100HPG CM091-1000HPG	规格:	100 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述: FGF-2, also known as a basic fibroblast growth factor (bFGF) and FGF-β, is a growth factor and signaling protein encoded by the FGF-2 gene. FGF-2 has been shown in preliminary animal studies to protect the heart from injury associated with a heart attack, reducing tissue death and promoting improved function after reperfusion. FGF-2 are also involved in a variety of biological processes, including embryonic development, morphogenesis, tissue repair, tumor growth, and invasion. Additionally, FGF-2 is frequently used for a critical component of cell culture medium, e.g., human embryonic stem cell culture medium, serum-free culture systems.



SDS-PAGE analysis of recombinant FGF-2(154 a.a.) , Human, GMP

来源:	<i>Escherichia coli</i> . Animal-free reagent and laboratory. Manufactured and tested under GMP guideline.
纯度:	>98% as determined by SDS-PAGE analysis.
生物学活性:	Measure by its ability to induce 3T3 cells proliferation. The ED ₅₀ for this effect is <1 ng/mL. The specific activity of recombinant human FGF-2 is approximately >5 x 10 ⁵ IU/mg.
内毒素检测:	<0.05 EU per 1 µg of the protein by the LAL method.



蛋白序列: AAGSITTLPALPEDGGSGAFPPGHFKDPKRLYC
KNGGFFLRIHPDGRVDGVREKSDPHIKLQLQA
EERGVSIGVVCANRYLAMKEDGRLLASKCVT
DECFFFERLESNNYNTYRSRKYTSWYVALKRTG
QYKLGSKTGPQGKAILFLPMSAKS with
polyhistidine tag at the N-terminus.

产品组成

成分: 从含有 1X PBS, pH 8.0 溶液中冻干的蛋白质,
无任何动物源性成分.

产品储存

储存: -20°C冻干粉保存 1 年.
运输: 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500µg/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10µg/mL) 后分装保存, -20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。

产品规范

CHAMOT GMP recombinant proteins are manufactured in ISO 13485:2016 and GMP certified facility.
The processes include:

- ★Testing and traceability of raw material
- ★Records of the maintenance and equipment calibration
- ★Personnel training records
- ★Batch-to-batch consistency
- ★Documentation of QA control and process changes
- ★Manufactured and tested under an ISO 13485:2016 certified quality management system
- ★Stability monitor of product shelf-life

WB=Western Blot; IP=Immunoprecipitation; IF=Immunofluorescence; IHC=Immunohistochemistry;
FACS=Fluorescence activated Cell Sorting; FA=Functional Assay

CHAMOT Biotechnology (Shanghai) Co., Ltd.

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