

CHAMOT

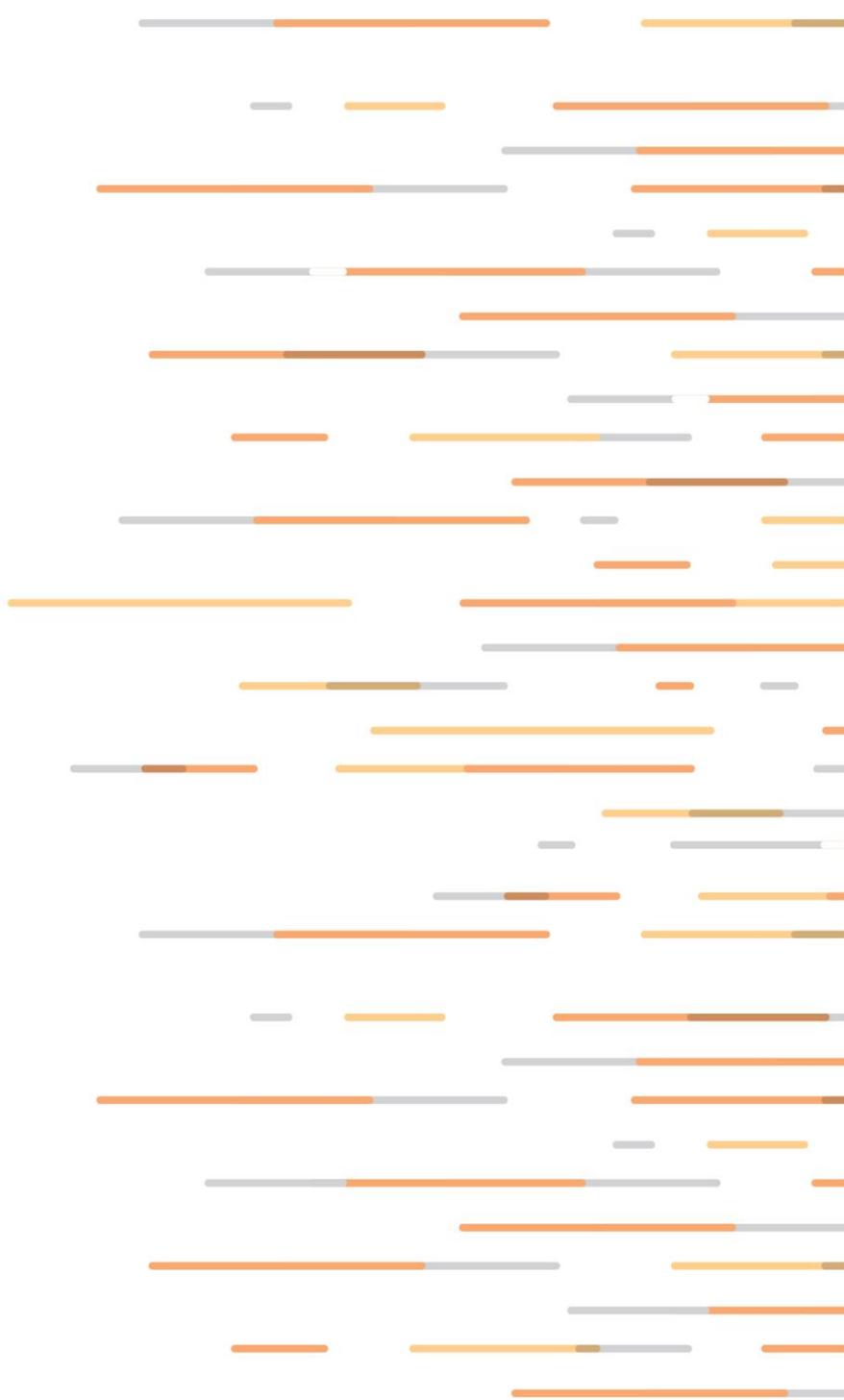
Recombinant EGF, Human, GMP

CM120-100HPG
CM120-1000HPG



CHAMOT

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CHAMOT BIOTECHNOLOGY CO., LTD.



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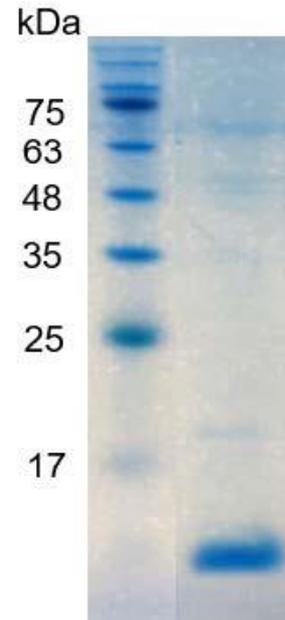
Recombinant EGF (Epidermal growth factor), Human, GMP

编号: CM120-100HPG
 CM120-1000HPG
 类别: 重组蛋白

规格: 100 µg
 1 mg
 应用: Functional Assay

产品简介

描述: Epidermal growth factor (EGF) stimulates cell growth and differentiation by binding to its receptor, EGFR. Human EGF is a 6 kDa protein with 53 amino acid residues and three intramolecular disulfide bonds. EGF is present in various body fluids, including blood, milk, urine, saliva, seminal fluid, pancreatic juice, cerebrospinal fluid, and amniotic fluid. Biological activities ascribed to EGF include epithelial development, angiogenesis, inhibition of gastric acid secretion, fibroblast proliferation, and colony formation of epidermal cells in culture.



来源: *Escherichia coli*.
 Animal-free reagent and laboratory.
 Manufactured and tested under GMP guideline.

SDS-PAGE analysis of recombinant EGF ,
 Human, GMP

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 0.05-0.12 ng/mL. The specific activity of recombinant human EGF is approximately >1.4 x 10⁶ IU/mg.

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

蛋白序列: MNSDSECPLSHDGYCLHDGVCMYIEALDKYA
CNCVVGYIGERCQYRDLKWWEL RLE 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,
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、推荐使用无菌水重悬冻干粉, 溶液浓度不低于 100 µg/mL,
并静置至少 20min 以充分溶解.
- 2、重悬后的溶液可进一步稀释分装, 置于 2-8°C有效期 1-2 周,
-20°C至-80°C有效期 1 个月; 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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