

CHAMOT

Recombinant Human G- CSF

CM117-5HP
CM117-20HP
CM117-100HP
CM117-500HP
CM117-1000HP



CHAMOT

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Recombinant Human G-CSF (Granulocyte colony-stimulating factor)

编号:	CM117-5HP CM117-20HP CM117-100HP CM117-500HP CM117-1000HP	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: G-CSF is a hematopoietic growth factor. It can activate the progress that committed progenitor cells develop to neutrophils and enhance the functional activities of the mature end-cell. It is secreted in response to specific stimulation by a variety of cells, including bone marrow stroma, macrophages, endothelial cells and fibroblasts. In clinical treatment, G-CSF is used to facilitate hematopoietic recovery after bone marrow transplantation.

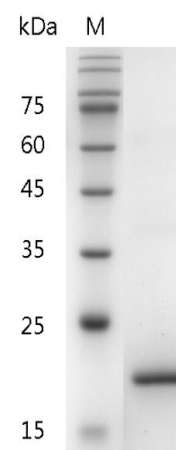
来源: *Escherichia coli*

纯度: >98% as determined by SDS-PAGE.

生物学活性: Measure by its ability to induce proliferation in NFS-60 cells. The ED₅₀ for this effect is < 0.5 ng/mL.

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

蛋白序列: TPLGPASSLPQSFLKCLEQVRKIQGD
GAALQEKLCAATYKLCHEPELVLLGHSL
GIPWAPLSSCPSQALQLAGCLSGLHS
GLFLYQGLLQALEGISPELGPTLDTLQL
DVADFATTIWQQMEELGMAPALQPT
QGAMPAFASAFQRRAGGVLVASHL
QSFLEVSRYRLRLAQP with
polyhistidine tag at the N-terminus.



SDS- PAGE analysis of recombinant human G-CSF

产品组成

成分： 从含有 1X PBS, pH 7.4 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100 μ g/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10 μ g/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