

CHAMOT

Recombinant TPO, Human, GMP

CM124-100HPG
CM124-1000HPG



CHAMOT

喬默生物技術(上海)有限公司
CHAMOT BIOTECHNOLOGY CO., LTD.

CONTENT

1 产品简介

2 产品组成

3 产品储存

4 产品使用

5 产品规范

Recombinant TPO (Thrombopoietin), Human, GMP

编号:	CM124-100HPG CM124-1000HPG	规格:	100 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述: Thrombopoietin (TPO) is a glycoprotein hormone produced mainly by the liver and the kidney that regulates the production of platelets by the bone marrow. The protein functions in the iodination of tyrosine residues in thyroglobulin and phenoxy-ester formation between pairs of iodinated tyrosines to generate the thyroid hormones, thyroxine and triiodothyronine. It stimulates the production and differentiation of megakaryocytes, the bone marrow cells that fragment into large numbers of platelets.

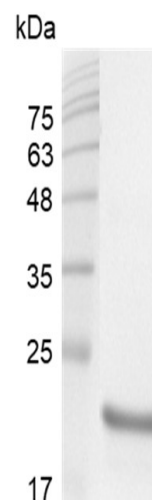
来源: *Escherichia coli*.
Animal-free reagent and laboratory.
Manufactured and tested under GMP guideline.

纯度: >95% as determined by SDS-PAGE analysis.

生物学活性: Measure by its ability to induce proliferation in MO7e cells. The ED₅₀ for this effect is <2 ng/mL.

内毒素检测: <0.05 EU per 1 µg of the protein by the LAL method.

蛋白序列: SPAPPACDLRVLSKLLRDSHVLHSRLSQCPVH
PLTPVLLPAVDFSLGEWKTQMEETKAQDILGA
VTLLLEGVMAARGQLGPTCLSSLLGQLSGQVRL
LLGALQSLLGTQLPPQGRTTAHKDPNAIFLSFQ
HLLRGKVRFLMLVGGSTLCVRRAPPTTAVPSR



SDS-PAGE analysis of recombinant TPO , Human, GMP



TSLVLTNL with polyhistidine tag at the N-terminus.

产品组成

成分： 从含有 1X PBS, pH 7.4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℃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℃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℃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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