

CHAMOT

Recombinant Mouse IL-3

CM004-5MP

CM004-20MP

CM004-100MP

CM004-500MP

CM004-1000MP



CHAMOT

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CONTENT

1 产品简介

2 产品组成

3 产品储存

4 产品使用

Recombinant Mouse IL-3 (Interleukin-3)

编号:	CM004-5MP CM004-20MP CM004-100MP CM004-500MP CM004-1000MP	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

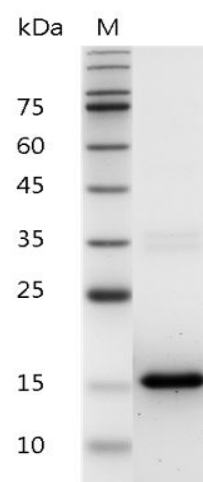
产品简介

描述: Interleukin 3 is an interleukin, a type of biological signal (cytokine) that can improve the body's natural response to disease as part of the immune system. It acts by binding to the interleukin-3 receptor. Interleukin 3 stimulates the differentiation of multipotent hematopoietic stem cells into myeloid progenitor cells or, with the addition of IL-7, into lymphoid progenitor cells. In addition, IL-3 stimulates proliferation of all cells in the myeloid lineage (granulocytes, monocytes, and dendritic cells), in conjunction with other cytokines, e.g., Erythropoietin (EPO), Granulocyte macrophage colony-stimulating factor (GM-CSF), and IL-6. It is secreted by basophils and activated T cells to support growth and differentiation of T cells from the bone marrow in an immune response.

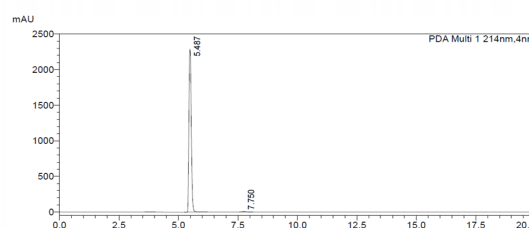
来源: *Escherichia coli*

纯度: >98% as determined by SDS-PAGE and SEC-HPLC.

生物学活性: Measure by its ability to induce NFS-60 cells proliferation. The ED₅₀ for this effect is < 85 pg/mL. The specific activity of recombinant mouse IL-3 is approximately >1x10⁷ IU/mg.



SDS-PAGE analysis of recombinant mouse IL-3



The purity of recombinant mouse IL-3 is greater than 98% as determined by SEC-HPLC.

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

蛋白序列: MDTHRLRTLNCSSIVKEIIGKLPEPEL
KTDDEGPSLRNKSFRNVNLSKFVESQ
GEVDPEDRYVIKSNLQKLNCCCLPTSA
NDSALPGVFIRDLDLDFRKKLRFYMH
LNDLETVLTSRPPQPASGSVSPNRGT
VEC with polyhistidine tag at the C-terminus

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°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10ug/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