

CHAMOT

Recombinant Mouse IL-17A

CM014-5MP

CM014-20MP

CM014-100MP

CM014-500MP

CM014-1000MP



CHAMOT

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Recombinant Mouse IL-17A (Interleukin-17A)

编号:	CM014-5MP CM014-20MP CM014-100MP CM014-500MP CM014-1000MP	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-17A is a protein that in humans is encoded by the IL17A gene. The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO).

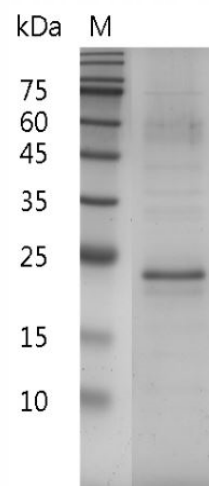
来源: *Escherichia coli*

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

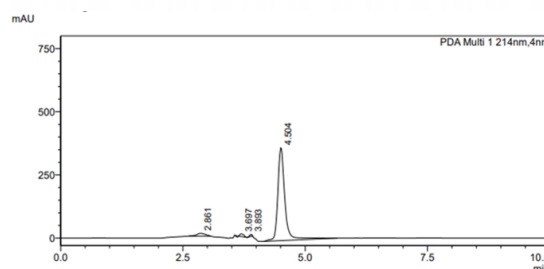
生物学活性: Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED₅₀ for this effect is <1 ng/mL. The specific activity of recombinant mouse IL-17A is > 1 x 10⁶ IU/mg.

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

蛋白序列: MAAIIPQSSACPNTAKDFLQNVKVN
LKVFNSLGAKVSSRRPSDYLNRSTSP
WTLHRNEDPDRYPSVIWEAQCRHQR
CVNAEGKLDHHMNSVLIQQEILVLKR
EPESCPFTFRVEKMLVGVGCTCVASIV
RQAA with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant mouse IL-17A



The purity of recombinant mouse IL-17A is greater than 98% as determined by SEC-HPLC.

产品组成

成分：从含有 1X PBS, pH 8.0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