

CHAMOT

Recombinant Human IL-34

CM039-5HP
CM039-20HP
CM039-100HP
CM039-500HP
CM039-1000HP



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 Human IL-34 (Interleukin-34)

编号: CM039-5HP
CM039-20HP
CM039-100HP
CM039-500HP
CM039-1000HP

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: Interleukin-34 (IL-34) is a protein that promotes the proliferation, survival and differentiation of monocytes and macrophages. It also promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. IL-34 plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1.

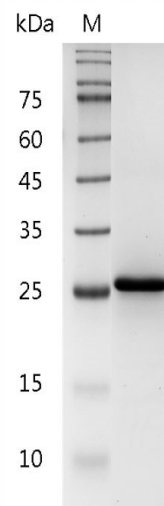
来源: *Escherichia coli*

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

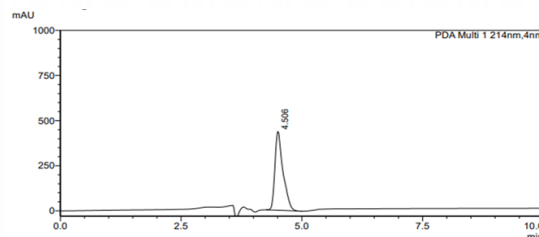
生物学活性: Measure by its ability to induce human peripheral blood monocytes (PBMCs) proliferation. The ED₅₀ for this effect is < 30 pg/mL.

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

蛋白序列: MNEPLEMWPLTQNEECTVTGFLRDK
LQYRSRLQYMKHYFPINYKISVPYEGV
FRIANVTRLQRAQVSERELRYLWVLVS
LSATESVQDVLLEGHPWKYLQEVETL
LLNVQQGLTDVEVSPKVESVLSLLNAP
GPNLKLVRPKALLDNCFRVMELLYCS



SDS-PAGE analysis of recombinant human IL-34



The purity of recombinant human IL-34 is greater than 98% as determined by SEC-HPLC.

CCKQSSVLNWQDCEVPSPQSCSPEP
 SLQYAATQLYPPPPWSPSSPPHSTGS
 VRPVRAQGEGLLP 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.

产品储存/运输

产品形式	储存温度	储存时间
冻干粉	-20℃至-80℃	自收到之日起1年
重悬液 (初始)	2℃至8℃	不超过1周
重悬液 (经稀释)	-20℃至-80℃	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℃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℃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。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry;
 FACS= Fluorescence activated Cell Sorting; FA= Functional Assay