

CHAMOT

Recombinant Human IL-19

CM023-5HP
CM023-20HP
CM023-100HP
CM023-500HP
CM023-1000HP



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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

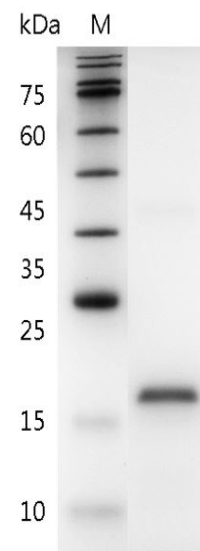
Recombinant Human IL-19 (Interleukin-19)

编号:	CM023-5HP CM023-20HP CM023-100HP CM023-500HP CM023-1000HP	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 19 (IL-19) is a protein that in humans is encoded by the IL19 gene. This cytokine is found to be preferentially expressed in monocytes. It can bind the interleukin-20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively, spliced transcript variants encoding the distinct isoforms have been described.

来源: *Escherichia coli*
纯度: >98% as determined by SDS-PAGE.
 Ni-NTA chromatography
生物学活性: Measure by its ability to induce proliferation in BaF3 cells transfected with human IL-20 R alpha and human IL-20 R beta. The ED₅₀ for this effect is < 1.2 ng/mL
内毒素检测: < 0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列: MLRRCLISTDMHHIEESFQEIKRAIQA
 KDTFPNVTILSTLETQLIKPLDVCCVTK
 NLLAFYVDRVFKDHHQEPNPKILRKISSI



SDS-PAGE analysis of recombinant human IL-19

ANSFLYMQKTLRQCQEQRQCHCRQE
 ATNATRVIHDNYDQLEVHAAAIKSLG
 ELDVFLAWINKNHEVMSSA 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°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