

CHAMOT

Recombinant Human IL-23 p19

CM027-5HP
CM027-20HP
CM027-100HP
CM027-500HP
CM027-1000HP



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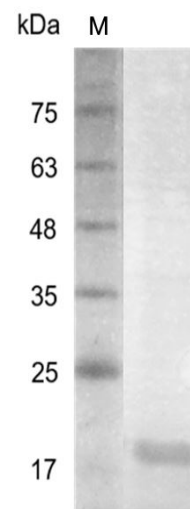
Recombinant Human IL-23 p19 (Interleukin-23 p19)

编号:	CM027-5HP CM027-20HP CM027-100HP CM027-500HP CM027-1000HP	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: IL-23 is an important part of the inflammatory response against infection. It promotes upregulation of the matrix metalloprotease MMP9, increases angiogenesis and reduces CD8+ T-cell infiltration into tumours. IL-23 mediates its effects on both innate and adaptive arms of the immune system that express the IL-23 receptor. Th17 cells represent the most prominent T cell subset that responds to IL-23, although IL-23 has been implicated in inhibiting the development of regulatory T cell development in the intestine. Th17 cells produce IL-17, a proinflammatory cytokine that enhances T cell priming and stimulates the production of other proinflammatory molecules such as IL-1, IL-6, TNF-alpha, NOS-2, and chemokines resulting in inflammation.

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE.
 Ni-NTA chromatography
生物学活性: Measured by its ability to induce IL-17 secretion in mouse splenocytes. The ED₅₀ for this effect is < 0.5 ng/mL.



SDS-PAGE analysis of recombinant human IL-23 p19

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

蛋白序列: RAVPGGSSPAWTQCQQLSQKLCTLA
 WSAHPLVGHMDLREEGDEETTNDVP
 HIQCGDGDQPQGLRDNSQFCLQRIH
 QGLIFYEKLLGSDIFTGEPSSLPSVPG
 QLHASLLGLSPLLQPEGHHWETQQIP
 SLSPSPWQRLRLRFKILRSLQAFVAV
 AARVFAHGAATLSP with
 polyhistidine tag at the N-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