

CHAMOT

Recombinant Human IL-21

CM025-5HP
CM025-20HP
CM025-100HP
CM025-500HP
CM025-1000HP



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Recombinant Human IL-21 (Interleukin-21)

编号:	CM025-5HP CM025-20HP CM025-100HP CM025-500HP CM025-1000HP	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-21 (IL21) belongs to the IL-15/IL-21 family. It is a cytokine with immunoregulatory activity. Cytokines are proteinaceous signaling compounds that are major mediators of the immune response. They control many different cellular functions including proliferation, differentiation and cell survival/apoptosis but are also involved in several pathophysiological processes including viral infections and autoimmune diseases. Interleukin-21 is a cytokine that has potent regulatory effects on cells of the immune system, including natural killer (NK) cells and cytotoxic T cells that can destroy virally infected or cancerous cells. This cytokine induces cell division/proliferation in its target cells.

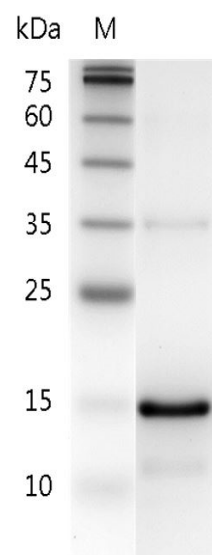
来源: *Escherichia coli*

纯度: >95% as determined by SDS-PAGE.

Ni-NTA chromatography

生物学活性: Measure by its ability to enhance IFN gamma secretion in NK-92 cells. The ED₅₀ for this effect is < 10 ng/mL.

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



SDS-PAGE analysis of recombinant human IL-21

蛋白序列: MQDRHMIRMRLIDIVDQLKNYVN
 DLVPEFLPAPEDVETNCEWSAFSCFQ
 KAQLKSANTGNNERIINVSIIKKLRKP
 PSTNAGRRQKHRLTCPSCDSYEKKPP
 KEFLERFKSLLQKMIHQHLSSRTHGSE
 DS 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℃可无菌保存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