

Recombinant Human IL-22 (Interleukin-22)

编号: PY2224

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

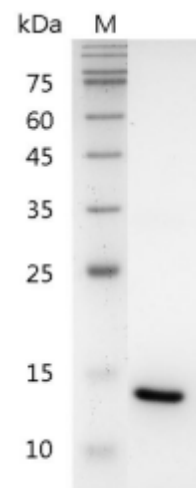
描述: Interleukin-22 (IL-22) a member of a group of cytokines called the IL-10 family or IL-10 superfamily (including IL-19, IL-20, IL-24, and IL-26), a class of potent mediators of cellular inflammatory responses. It shares use of IL-10R2 in cell signaling with other members of this family, IL-10, IL-26, IL-28A/B and IL-29. IL-22 is produced by activated NK and T cells and initiates innate immune responses against bacterial pathogens especially in epithelial cells such as respiratory and gut epithelial cells. IL-22 along with IL-17 is rapidly produced by splenic LT α i-like cells and also produced by Th17 cells and likely plays a role in the coordinated response of both adaptive innate immune systems, autoimmunity and tissue regeneration.

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 A549 cells. The ED₅₀ for this effect is <0.5 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-22

蛋白序列： MAPISSHCRLDKSNFQQPYITNRTFM
 LAKEASLADNNTDVRLIGEKLFGVS
 MSERCYLMKQVLNFTLEEVLPQSDR
 FQPYMQEVVPFLARLSNRLSTCHIEG
 DDLHIQRNVQKLKDTVKKLGESGEIK
 AIGELDLLFMSLRNACI 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