

Recombinant Human IFN gamma (Interferon gamma)

编号: PY2199

规格: 20 µg
100 µg
500 µg
1 mg

类别: 重组蛋白

应用: Functional Assay

产品简介

描述: Interferon-γ is a effective multifunctional cytokine which is released mainly by activated NK cells and T cells. IFN-γ is primarily characterized based on its anti-viral activities, and then been proved to have several functions such as anti-proliferative, immune-regulatory, and pro-inflammatory activities. IFN-γ can upregulate expression of MHC class I and II antigen by antigen-presenting cells.

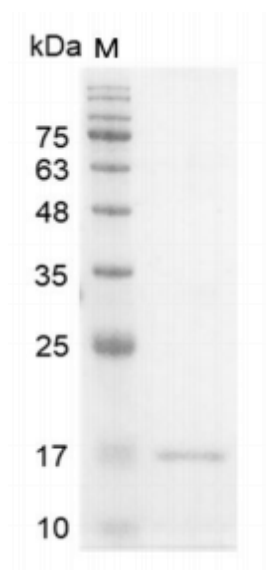
来源: *Escherichia coli*

纯度: >95% as determined by SDS-PAGE. Ni-NTA chromatography.

生物学活性: Measure by its ability to induce cytotoxicity in HT29 cells. The ED₅₀ for this effect is <1 ng/mL. The specific activity of recombinant human IFN gamma is approximately >2 × 10⁶ IU/mg.

内毒素检测: <0.01 EU per 1 µg of the protein by the LAL method.

蛋白序列: MQDPYVKEAENLKKYFNAGHSDVAD
NGTLFLGILKNWKEESDRKIMQSQIVS
FYFKLFKNFKDDQSIQKSVETIKEDMN
VKFFNSNKKRDDFEKLTNYSVTDLN
VQRKAIHELIQVMAELSPAAGTGKRK
RSQMLFQGRRASQ with
polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant human IFN gamma

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