

CHAMOT

Recombinant Human IFN alpha 1 a

CM079-5HP
CM079-20HP
CM079-100HP
CM079-500HP
CM079-1000HP



CHAMOT

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Recombinant Human IFN alpha 1a (Interferon alpha 1a)

编号:	CM079-5HP CM079-20HP CM079-100HP CM079-500HP CM079-1000HP	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: Interferon alpha-1 or interferon alpha -D, encoded by the human IFNA1 gene, is a member of the type I interferon family. It is expressed in peripheral blood leukocytes and lymphoblastoid cells. There are four highly conserved cysteine residues which form two disulfide bonds. One bond is a necessity for biological activity, which plays a critical role in conducting non-specific resistance against a variety of viral infections, and regulation of cell proliferation and modulates immune responses.

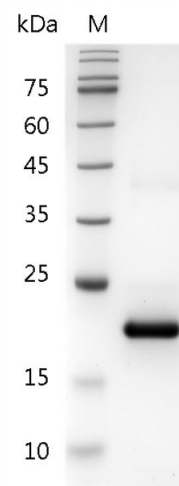
来源: *Escherichia coli*

纯度: >95% as determined by SDS-PAGE.

生物学活性: Measure by its ability to inhibit IL-8 secretion in human PBMCs in the presence of LPS. The ED₅₀ for this effect is < 1.12 µg /mL.

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

蛋白序列: CDLPETHSLDNRRTLMLLAQMSRISP
SSCLMDRHDFGFPQEEFDGNQFQKA
PAISVLHELIQQIFNLFTTKDSSAAWD
EDLLDKFCTELYQQNLNDLEACVMQEE
RVGETPLMNADSILAVKKYFRRITLYL
TEKKYSPCAWEVVRAEIMRSLSLSTNL
QERLRKE with polyhistidine tag at the N-terminus



SDS- PAGE analysis of recombinant human IFN alpha 1a

产品组成

成分： 从含有 500 mM NaCl PBS, pH 7.4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