

CHAMOT

Recombinant Human IFN beta 1 a

CM080-5HP
CM080-20HP
CM080-100HP
CM080-500HP
CM080-1000HP



CHAMOT

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CONTENT

1 产品简介

2 产品组成

3 产品储存

4 产品使用

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

编号:	CM080-5HP CM080-20HP CM080-100HP CM080-500HP CM080-1000HP	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

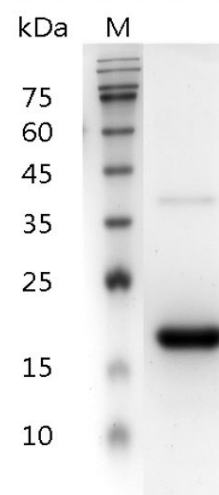
描述: Interferon-beta is, a cytokine, released by fibroblasts and pathogen-exposed dendritic cells, macrophages, and endothelial cells. IFN beta 1a conducts through the heterodimeric IFN-alpha/beta Receptor. IFN-beta-deficient mice are easier to suffer from experimental autoimmune encephalomyelitis (EAE), a disease model of human multiple sclerosis (MS). In addition, IFN-beta has been proved to suppress the Th17 cell response in both MS and EAE and is usually used to treat MS disease.

来源: *Escherichia coli*
纯度: >98% as determined by SDS-PAGE.

生物学活性: Measure by its ability to induce cytotoxicity in TF-1 cells. The ED₅₀ for this effect is < 0.1 ng/mL. The specific activity of recombinant human IFN beta 1a is approximately > 1 x10⁷ IU/mg.

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

蛋白序列: MSYNLLGFLQRSSNFQCQKLLWQLN
GRLEYCLKDRMNFDIPEEIKQLQQFQ
KEDAALTIYEMLNIFAIFRQDSSSTG
WNETIVENLLANVYHQINHLKTVLEE
KLEKEDFTRGKLMSSLHLKRYGRILH
YLKAKEYSHCAWTIVRVEILRNFYFINR
LTGYLRN with polyhistidine tag at the C-terminus



SDS- PAGE analysis of recombinant human IFN beta 1a

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100 μ g/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10 μ g/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