

CHAMOT

Recombinant Human IL-1 alpha

CM001-5HP
CM001-20HP
CM001-100HP
CM001-500HP
CM001-1000HP



CHAMOT

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Recombinant Human IL-1 alpha (Interleukin-1 alpha)

编号:	CM001-5HP CM001-20HP CM001-100HP CM001-500HP CM001-1000HP	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

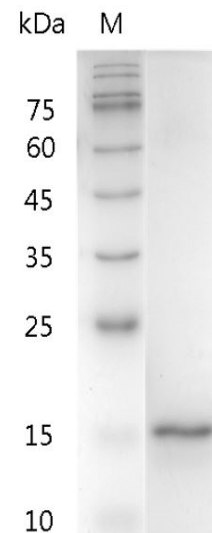
描述: Interleukin 1 alpha (IL-1α) also known as hematopoietin 1 is a cytokine of the interleukin 1 family that in humans is encoded by the IL1A gene. IL-1α is produced mainly by activated macrophages, as well as neutrophils, epithelial cells, and endothelial cells. It possesses metabolic, physiological, haematopoietic activities, and plays one of the central roles in the regulation of the immune responses. It binds to the interleukin-1 receptor. It is on the pathway that activates tumor necrosis factor-α.

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

生物学活性: Ni-NTA chromatography
Measure by its ability to induce D10.G4.1 cells proliferation. The ED₅₀ for this effect is < 10 pg/mL. The specific activity of recombinant human IL-1 alpha is approximately >1 x10⁸ IU/mg.

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

蛋白序列:
MSAPFSFLSNVKYNFMRIIKYEFILND
ALNQSIIIRANDQYLTAALHNLDEAV
KFDMGAYKSSKDDAKITVILRISKTKL
YVTAQDEDQPVLLKEMPEIPKTITGSE
TNLLFFWETHGKKNYFTSVAHPNLFIA
TKQDYWVCLAGGPPSITDFQILENQA



SDS- PAGE analysis of recombinant human IL-1 alpha

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