

CHAMOT

Recombinant Human IL-1 beta

CM002-5HP
CM002-20HP
CM002-100HP
CM002-500HP
CM002-1000HP



CHAMOT

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

编号:	CM002-5HP CM002-20HP CM002-100HP CM002-500HP CM002-1000HP	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 beta (IL-1 β) also known as leukocytic pyrogen, leukocytic endogenous mediator, mononuclear cell factor, lymphocyte activating factor and other names, is a cytokine protein that in humans is encoded by the IL1B gene. There are two genes for interleukin-1 (IL-1): IL-1 alpha and IL-1 beta (this gene). IL-1 β precursor is cleaved by cytosolic caspase 1 (interleukin 1 beta convertase) to form mature IL-1 β .

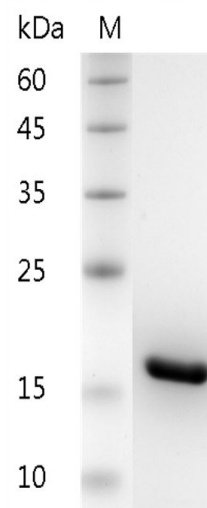
来源: *Escherichia coli*

纯度: >98% as determined by SDS-PAGE.

生物学活性: Measure by its ability to induce IL-8 secretion in HT29 cells. The ED₅₀ for this effect is <2.0 ng/mL. The specific activity of recombinant human IL-1 beta is approximately >5 x 10⁷ IU/mg.

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

蛋白序列: MASAPVRSLNCTLRDSQQKSLVMSG
PYELKALHLQGQDMEQQVVFMSFV
QGEESNDKIPVALGLKEKNLYLSCVLK
DDKPTLQLESVDPKNYPKKKMEKRFV
FNKIEINNKLFESEAQFPNWIYSTSQA
ENMPVFLGGTKGGQDITDFTMQFVSS
with polyhistidine tag at the C-terminus



SDS- PAGE analysis of recombinant human IL-1 beta

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