CHAMOT

Recombinant Mouse IL-6

CM007-5MP
CM007-20MP
CM007-100MP
CM007-500MP
CM007-1000MP

CHAMOT
喬默生物技術(上海)有限公司
CHAMOT BIOTECHNOLOGY CO. LTD.

CONTENT

Recombinant Mouse IL-6 (Interleukin-6)

编号:	CM007-5MP CM007-20MP CM007-100MP CM007-500MP CM007-1000MP	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 6 (IL-6) is an interleukin that acts as both a pro-inflammatory cytokine and an anti-inflammatory myokine. In humans, it is encoded by the IL6 gene. In addition, osteoblasts secrete IL-6 to stimulate osteoclast formation. Smooth muscle cells in the tunica media of many blood vessels also produce IL-6 as a pro-inflammatory cytokine. IL-6's role as an anti-inflammatory myokine is mediated through its inhibitory effects on TNF-alpha and IL-1, and activation of IL-1ra and IL-10.

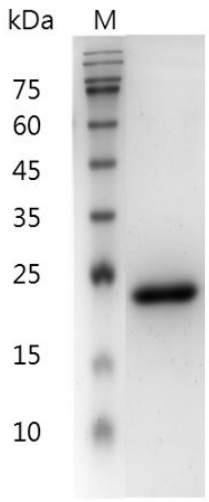
来源: *Escherichia coli*

纯度: >98% as determined by SDS-PAGE. Ni-NTA chromatography.

生物学活性: Measure by its ability to induce proliferation in 7TD1 cells. The ED_{50} for this effect is <0.01 ng/mL. The specific activity of recombinant mouse IL-6 is approximately >1x 10^8 IU/mg.

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

蛋白序列: MFPTSQVRRGDFTEDTTPNRPVYTTS QVGGLITHVLWEIVEMRKELCNGNSD CMNNDDALAENNLKLPEIQRNDGCY QTGYNQEICLLKISSGLLEYHSYLEYMK NNLKDNKKDKARVLQRDTETLIHIFN QEVKDLHKIVLPTPISNALLTDKLESQK



SDS-PAGE analysis of recombinant mouse IL-6

EWLRTKTIQFILKSLEEFLKVTLRSTRQT 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