CHAMOT

Recombinant Human IL-11

CM013-5HP
CM013-20HP
CM013-100HP
CM013-500HP
CM013-1000HP

CHAMOT
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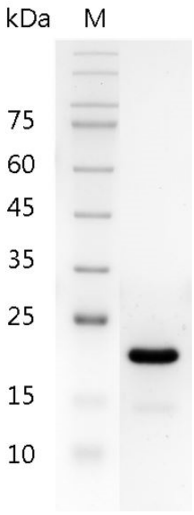
CONTENT

Recombinant Human IL-11 (Interleukin-11)

编号:	CM013-5HP CM013-20HP CM013-100HP CM013-500HP CM013-1000HP	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: IL-11 is a cytokine and first isolated in 1990 from bone marrow-derived fibrocyte-like stromal cells. It was initially thought to be important for hematopoiesis, notably for megakaryocyte maturation, but subsequently shown to be redundant for platelets, and for other blood cell types, in both mice and humans. It is also known under the names adipogenesis inhibitory factor (AGIF) and was developed as a recombinant protein (rhIL-11) as the drug substance oprelvekin.



SDS-PAGE analysis of recombinant human IL-11

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 T11 cells proliferation. The ED_{50} for this effect is <0.2 ng/mL. The specific activity of recombinant human IL-11 is approximately >1 x 10^7 IU/mg.

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

蛋白序列: PGPPPGPPRVSPDPRAELDSTVLLTRS LLADTRQLAAQLRDKFPADGDHNLD SLPTLAMSAGALGALQLPGVLTRLRA DLLSYLRHVQWLRRAGGSSLKTLEPEL GTLQARLDRLLRRLQLLMSRLALPQP PPDPPAPPLAPPSSAWGGIRAAHAIL

GGLHLTLDWAVRGLLLLKTRL with polyhistidine tag at the N-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