

CHAMOT

Recombinant Human IL-15

CM016-5HP
CM016-20HP
CM016-100HP
CM016-500HP
CM016-1000HP



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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 IL-15 (Interleukin-15)

编号:	CM016-5HP CM016-20HP CM016-100HP CM016-500HP CM016-1000HP	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-15 (IL-15) is a cytokine with structural similarity to Interleukin-2 (IL-2). Like IL-2, IL-15 binds to and signals through a complex composed of IL-2/IL-15 receptor beta chain (CD122) and the common gamma chain (gamma-C, CD132). IL-15 is secreted by mononuclear phagocytes (and some other cells) following infection by virus(es). This cytokine induces cell proliferation of natural killer cells; cells of the innate immune system whose principal role is to kill virally infected cells.

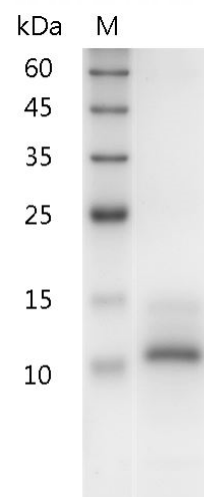
来源: *Escherichia coli*

纯度: >95% as determined by SDS-PAGE.

生物学活性: Measure by its ability to induce proliferation in CTLL-2 cells. The ED₅₀ for this effect is < 3 ng/mL. The specific activity of recombinant human IL-15 is > 2 x 10⁶ IU/mg.

内毒素检测: < 0.01 EU per 1 µg of the protein by the LAL method.

蛋白序列: NWVNVISDLKKIEDLIQSMHIDATLYT
ESDVHPSCVTAMKCFLELQVISLES
GDASIHDTVENLIILANNSLSSNGNVT
ESGCKECELEEKNIKEFLQSFVHIVQ
MFINTS with polyhistidine tag at the N-terminus



SDS-PAGE analysis of recombinant human IL-15

产品组成

成分：从含有 NaPi buffer, 0.018% SDS, pH 7.5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