

CHAMOT

Recombinant Human IL-24

CM028-5HP
CM028-20HP
CM028-100HP
CM028-500HP
CM028-1000HP



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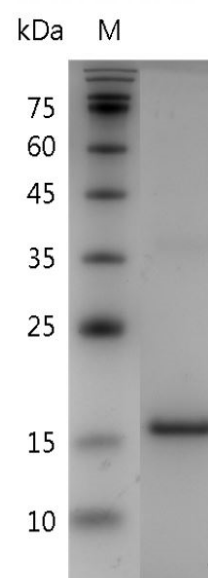
Recombinant Human IL-24 (Interleukin-24)

编号:	CM028-5HP CM028-20HP CM028-100HP CM028-500HP CM028-1000HP	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-24 (IL-24) is a cytokine belonging to the IL-10 family of cytokines that signals through two heterodimeric receptors: IL-20R1/IL-20R2 and IL-22R1/IL-20R2. This interleukin is also known as melanoma differentiation-associated 7 (mda-7) due to its discovery as a tumour suppressing protein. IL-24 appears to control in cell survival and proliferation by inducing rapid activation of particular transcription factors called STAT1 and STAT3. This cytokine is predominantly released by activated monocytes, macrophages and T helper 2 (Th2) cells and acts on non-haematopoietic tissues such as skin, lung and reproductive tissues. IL-24 performs important roles in wound healing, arthritis, psoriasis and cancer. Several studies have shown that cell death occurs in cancer cells/cell lines following exposure to IL-24. The gene for IL-24 is located on chromosome 1 in humans.

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE.
生物学活性: Measure by its ability to chemoattract BaF3 cells transfected with human IL-20R alpha and IL-20R beta using a concentration range of 0.05-0.2 ng/mL.



SDS-PAGE analysis of recombinant human IL-24

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

蛋白序列: MQEFHFGPCQVKGVPQKLWEAFW
AVKDTMQAQDNITSARLLQQEVLQN
VSDAESCYLVTLLLEFYLKTVFKNYHN
RTVEVRTLKSFSTLANNFVLIVSQLQP
SQENEMFSIRDSAHRRFLLFRRAFKQL
DVEAALTKALGEVDILLTWMQKFYKL
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°C至-80°C	自收到之日起1年
重悬液 (初始)	2°C至8°C	不超过1周
重悬液 (经稀释)	-20°C至-80°C	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°C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°C至 -80°C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