

Recombinant Human IL-26 (Interleukin-26)

编号: PY2228

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 26 (IL-26), is a natural human antimicrobial that promotes immune sensing of bacterial and host cell death. IL-26, a human TH17 cell-derived cytokine, is a cationic amphipathic protein that kills extracellular bacteria via membrane-pore formation. Furthermore, TH17 cell-derived IL-26 formed complexes with bacterial DNA and self-DNA released by dying bacteria and host cells. The IL-26–DNA complexes triggered the production of type I interferon by plasmacytoid dendritic cells via activation of Toll-like receptor 9, but independently of the IL-26 receptor.

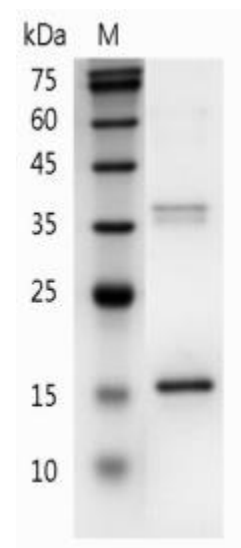
来源: *Escherichia coli*

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

生物学活性: Measure by its ability to induce IL-10 secretion in COLO205 cells. The ED₅₀ for this effect is <150 ng/mL.

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

蛋白序列: MKHKQSSFTKSCYPRGTLTSLQAVDAL
YIKAAWLKATIPEDRIKNIRLLKKKTK
KQFMKNCQFQEQLLSFFMEDVFGQ



SDS-PAGE analysis of recombinant human IL-26

LQLQGCKKIRFVEDFHSLRQKLSHCI
SCASSAREMKSITRMKRIFYRIGNKGI
YKAISELDILLSWIKKLLESSQ 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