

Recombinant Human IL-27 EBI3 (Interleukin-27 EBI3)

编号: PY2229

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-27 protein is a member of the IL-6 superfamily, which is expressed on monocytes, endothelial cells and dendritic cells. It is also referred to as the IL-12 p35-related protein. IL-27 protein is an early product of activated antigen-presenting cells and drives rapid clonal expansion of naive CD4(+) T cells and plays a role in the early regulation of Th1 cells initiation which drives efficient adaptive immune response. It has an antiproliferative activity on melanomas through WSX-1/STAT1 signaling. Thus, IL-27 protein may be an attractive candidate as an antitumor agent applicable to cancer immunotherapy.

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE. Ni-NTA chromatography

生物学活性: Measure by its ability to induce TF-1 cells proliferation using a concentration range of 20-200 ng/mL.

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

蛋白序列: MRKGPPAALTLPVQCASRYPIAVD
CSWTLPPAPNSTSPVSFIATYRLGMA
ARGHSWPCLQQTPTSTSTCTITDVQLF
SMAPYVLNVTAVHPWGSSSSFVPFIT



SDS- PAGE analysis of recombinant human IL- 2 7 EBI3

EHIIKPDPPPEGVRLSPLAERQLQVQWE
PPGSWPFPEIFSLKYWIRYKRQGAARF
HRVGPIEATSFILRAVRPRARYYVQVA
AQDLTDYGELSDWSLPATATMSLGK

with polyhistidine tag at the C-terminus

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