

Recombinant Human IL-1RA (Interleukin-1 receptor antagonist)

编号: PY2220

规格: 20 µg
100 µg
500 µg
1 mg

类别: 重组蛋白

应用: Functional Assay

产品简介

描述: The interleukin-1 receptor antagonist (IL-1RA) is a protein that in humans is encoded by the IL1RN gene. IL-1RA was initially called the IL-1 inhibitor and was discovered separately in 1984 by two independent laboratories. IL-1RA is an agent that binds non-productively to the cell surface interleukin-1 receptor (IL-1R), the same receptor that binds interleukin 1 (IL-1), preventing IL-1 from sending a signal to that cell.

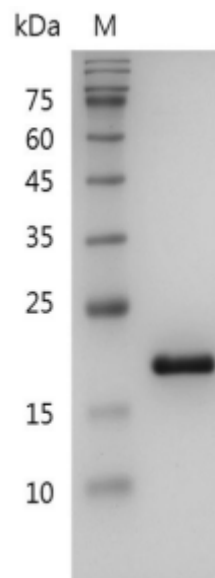
来源: *Escherichia coli*

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

生物学活性: Measure by its ability to inhibit IL-1 alpha -dependent proliferation in D10.G4.1 cells. The ED₅₀ for this effect is <50 ng/mL.

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

蛋白序列: MRPSGRKSSKMQAFRIWDVNQKTFY
LRNNQLVAGYLQGPNVNLEEKIDVVP
IEPHALFLGIHGGKMCLSCVKSGDETR
LQLEAVNITDLSNRKQDKRFAFIRSD
SGPTTSFESAACPGWFLCTAMEADQ
PVSLTNMPDEGVMVTKFYFQEDE
with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant human IL-1RA

产品组成

成分：从含有 1X PBS, pH 7.4 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