

Recombinant Human IL-9 (Interleukin-9)

编号:	PY2250	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

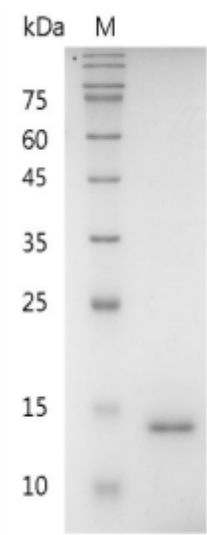
描述: Interleukin 9, also known as IL-9, is a pleiotropic cytokine (cell signalling molecule) belonging to the group of interleukins. IL-9 is produced by variety of cells like mast cells, NKT cells, Th2, Th17, Treg, ILC2, and Th9 cells in different amounts. Among them, Th9 cells are regarded as the major CD4+ T cells that produce IL-9.

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 proliferation in MO7 e cells. The ED₅₀ for this effect is <0.25 ng/mL. The specific activity of recombinant human IL-9 is approximately >5 × 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: QGCPTLAGILDINFLINKMQEDPASKC
HCSANVTSCCLGLIPSDNCTRPCFSER
LSQMTNTTMQTRYPLIFSRVKKSVEVL
KNNKCPYFSCEQPCNQTTAGNALTFL
KSLLEIFQKEKMRGMRGKI with
polyhistidine tag at the N-terminus



SDS- PAGE analysis of recombinant human IL- 9

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