

Recombinant Human CXCL5 (C-X-C motif chemokine 5)

编号: PY2143

规格: 5 μ g
20 μ g
100 μ g
500 μ g
1 mg

类别: 重组蛋白

应用: Functional Assay

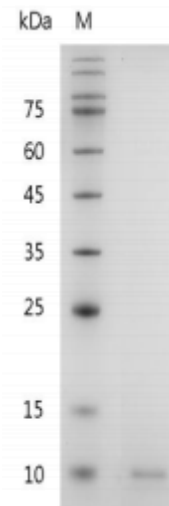
产品简介

描述: The protein encoded by this gene, Chemokine (C-X-C motif) ligand 5 (CXCL5), is a small cytokine belonging to the CXC chemokine family that is also known as epithelial-derived neutrophil-activating peptide 78 (ENA-78). This chemokine is produced concomitantly with interleukin-8 (IL8) in response to stimulation with either interleukin-1 (IL1) or tumor necrosis factor-alpha (TNFA). It is observed that, CXCL5 also expresses in eosinophils, and can interact with the type II interferon IFN- γ , thereby cause an inhibition. This chemokine stimulates the chemotaxis of neutrophils possesses angiogenic properties, and elicits these effects by interacting with the cell surface chemokine receptor CXCR2.

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 chemoattract BaF3 cells transfected with human CXCR2. The ED₅₀ for this effect is < 10 ng/mL.



SDS- PAGE analysis of recombinant human CXCL5

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

蛋白序列: RELRCVCLQTTQGVHPKMISNLQVFA
IGPQCSKVEVVASLKNNGKEICLDPEAP
FLKKVIQKILDGGNKEN with
polyhistidine tag at the N-terminus

产品组成

成分: 从含有 1X PBS, pH 7.4 溶液中冻干的蛋白质.

产品保存运输

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