

Recombinant Human SCF

编号: PY2267

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: Stem Cell Factor (SCF) is a stromal cell- derived cytokine synthesized by fibroblasts and other cell types. SCF promotes proliferation and early differentiation of cells at the level of multipotential stem cells. SCF is a growth factor important for proliferation, and differentiation of hematopoietic stem cells. One of its roles is to change the BFU-E (burst-forming unit-erythroid) cells, which are the earliest erythrocyte precursors in the erythrocytic series, into the CFU-E (colony-forming unit-erythroid).

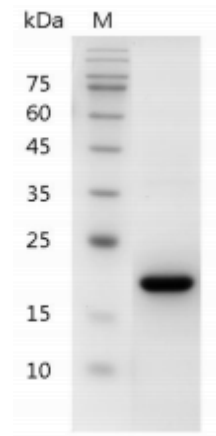
来源: *Escherichiacoli*

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

生物学活性: Measure by its ability to induce TF-1 cells proliferation. The ED₅₀ for this effect is <5 ng/mL. The specific activity of recombinant human SCF is > 5 x 10⁵ IU/mg.

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

蛋白序列: MEGICRNRVTNNVKDVTCLVANLPK
DYMITLKYPGMDVLPSCWISEMV
VQLSDSLTDLLDKFSNISEGLSNYSIID
KLVNIVDDLVECVKENSSKDLKKSFKS
PEPRLFTPEEFFRIFNRSIDAFKDFVVA
SETSDCVVSSTLSPEKDSRVSVTKPFM
LPPVA with polyhistidine tag at the C- terminus



SDS- PAGE analysis of recombinant human SCF

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℃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5 min。
- 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 1 mg/ mL，并室温静置至少 20 min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