procell system

普诺赛[®] Procell system

SCF/c-Kit/KIT ligand, Human, Recombinant

Cat. No.: PCK019

产品信息

别名 DCUA;DFNA69;FPH2;FPHH;KL-1;Kitl;MGF;SF;SHEP7;SLF;KIT ligand

物种 Human

表达宿主 E.coli

KFSNISEGLSNYSIIDKLVNIVDDLVECVKENSSKDLKKSFKSPEPRLFTPEEFFRIFNRSIDAFKD

 $FVVASETSDCVVSSTLSPEKDSRVSVTKPFMLPPVA\ with\ polyhist idine\ tag\ at\ the\ C-terminus$

检索号 P21583.1

标签 His-tag at the C-terminus

分子量 19.4 kDa 有效期 12 months

生物活性 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 $> 5 \times 10^5$ IU/mg.

产品特性

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

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C

for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20

°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 μm filtered solution containing 1 × PBS, pH 7.4.

复溶 It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not

less than 100 µg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the

protein.

背景介绍

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).

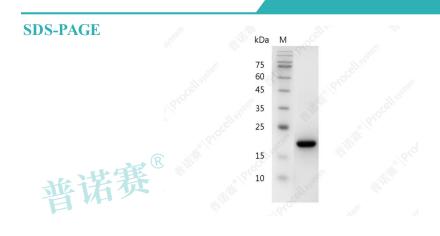
网站: <u>www.procell.com.cn</u> 电话: 400-999-2100

邮箱: techsupport@procell.com.cn

地址:湖北省武汉市高新大道858号生物医药产业园三期C4栋







普诺赛[®] | Procell system

普诺赛® Procell system

普诺赛® Procell system

网站: <u>www.procell.com.cn</u> 电话: 400-999-2100

邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋



