

## SCF/ c-Kit (C-6His), Rat, Recombinant

货号 : PCK020

### 产品信息

别名	Kit Ligand; Hematopoietic Growth Factor KL; Mast cell Growth Factor; MGF; Steel factor; Stem cell factor; SCF
物种	Rat
表达宿主	E.coli
序列信息	Gln26-Ala189
检索号	P21581
分子量	19.3 kDa
标签	C-6His

### 产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per µg as determined by LAL test.
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.



## 复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 背景介绍

Stem cell factor (SCF), is the Ligand for the Receptor-type Protein-tyrosine kinase KIT. It plays an essential role in the regulation of cell survival and proliferation, hematopoiesis, stem cell maintenance, gametogenesis, mast cell development, migration and function, and in melanogenesis. KITLG/ SCF binding can activate several signaling pathways. It also promotes phosphorylation of PIK3R1, which is the regulatory subunit of phosphatidylinositol 3-kinase, and subsequent activation of the kinase AKT1. KITLG/ SCF and KIT also transmit signals via GRB2 and activation of RAS, RAF1 and the MAP kinases MAPK1/ ERK2 and/ or MAPK3/ ERK1. KITLG/ SCF and KIT promote activation of STAT family members STAT1, STAT3 and STAT5.

## SDS-PAGE

