

## Recombinant Human SCF Protein

### 产品信息

产品名称	产品编号	规格
Recombinant Human SCF Protein	92251ES05	2 µg
	92251ES10	10 µg
	92251ES50	50 µg
	92251ES60	100 µg
	92251ES76	500 µg
	92251ES80	1 mg

### 产品简介

SCF, also known as stem cell factor or kit ligand, is a cytokine that plays a critical role in the survival, proliferation, and differentiation of hematopoietic stem cells and early progenitor cells. SCF is primarily produced by bone marrow stromal cells and functions by binding to the c-kit receptor on the surface of hematopoietic cells. Dysregulation of SCF signaling has been implicated in various types of cancer and hematological disorders.

### 性能参数

<b>Synonyms</b>	KITLG; FPH2; KL-1; Kitl; MGF; SF; SHEP7; KL
<b>Uniprot No.</b>	P21583-1
<b>Source</b>	Recombinant Human SCF Protein is expressed from E.coli without tag. It contains Glu26-Ala189
<b>Molecular Weight</b>	The protein has a predicted MW of 18.45 kDa same as Tris-Bis PAGE result.
<b>Purity</b>	> 95% as determined by SDS-PAGE.
<b>Endotoxin</b>	<1.0 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

### 储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3-6 months, -85~-65°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

#### **注意事项**

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.