

## SDF-1α/SDF-1β/CXCL12 (22-89), Human, Recombinant

货号: PCK123

## 产品信息

别名 Stromal Cell-Derived Factor 1; SDF-1; hSDF-1; C-X-C Motif Chemokine 12;

Intercrine Reduced in Hepatomas; IRH; hIRH; Pre-B Cell Growth-Stimulating

Factor; PBSF; CXCL12; SDF1; SDF1A; SDF1B

物种 Human

表达宿主 E.coli

序列信息 Lys22-Lys89

检索号 P48061

分子量 8 kDa

# 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 20mM PB, 150mM NaCl, pH 7.4.

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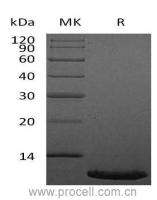
#### 复融

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

Stromal Cell-Derived Factor-1 (SDF-1) is a Chemokine member of the intercrine family. SDF1 is expressed as five isoforms that differ only in the C terminal tail. SDF1 $\alpha$  and SDF1 $\beta$  are identical except for the four residues present in the C-terminus of SDF1β but absent from SDF1α. SDF1 isoforms interact with CXCR4 and CXCR7 Receptors on the cell surface, and can also bind syndecan4. SDF1 is known to influence lymphopoiesis, regulate patterning and cell number of neural progenitors, and promote angiogenesis. It also enhances the survival of myeloid progenitor cells.

### **SDS-PAGE**



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