

SDF-1 α / SDF-1 β / 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 μ g 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 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.



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

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 α and SDF1 β are identical except for the four residues present in the C-terminus of SDF1 β but absent from SDF1 α . 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

