Product Name: Recombinant Human CXCL12 (72AA)
Catalog #: PEH0470

概述（Summary）

英文全称	CXCL12/SDF-1 beta/Stromal cell-derived factor 1 (22-93)
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human C-X-C Motif Chemokine 12 is produced by our E.coli expression system and the target gene encoding Lys22-Met93 is expressed.
Accession #	P48061
蛋白标签（Tag）	
表达宿主（Host）	E.coli
种属（Species）	Human
预测分子量（Predicted MW）	8.53 KDa
蛋白形态（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液（Buffer）	
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Lyophilized protein should be stored at ≤ -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 ≤ -20°C for 3 months.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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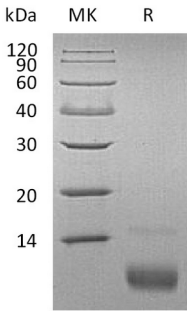

背景（Background）

分子别名（Alternative Names）	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
背景介绍（References）	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. SDF1α and SDF1β 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.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.