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32-9217: Recombinant Human C-X-C Motif Chemokine 12/CXCL12/SDF-1 (19-93)

Alternative Name : 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

Description

Source : E. coli;
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 SDF1Beta are identical except for the four residues present in the C-terminus of SDF1Beta but absent from SDF1-Alpha. 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.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Amino Acid : Recombinant Human C-X-C Motif Chemokine 12 is produced by our E.coli expression system and the target gene encoding Ser19-Met93 is expressed.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.