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SDF-1, 22-93aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03871

第三版

别名: Stromal cell-derived factor 1, CXCL12, PBSF, hIRH

描述: SDF-1 is small cytokine belonging to the chemokine family that is officially designated Chemokine (CX-C motif) ligand 12 (CXCL12). SDF-1 is strongly chemotactic for lymphocytes and works by its receptor CXCR4. The SDF-1+CXCR4 complex plays a significant role in the creation of metastases of neoplasms and as a response to cytostatic treatment. Identification of this complex may be a useful prognostic factor in the therapy of many types of carcinoma. Recombinant human SDF-1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量: 10.8 kDa (93aa)

序列:

MGSSHHHHHSSGLVPRGSHMKPVSLSYRCPFRFFESHVARANVKHLKILNTPNCALQIVARLKNNNRQVCIDPKLKIWI
QEYLEKALNKRFKM

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.