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Recombinant Mouse SDF2 / SDF-2 Protein (His tag)

产品货号: TP06783

第三版

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**描述:** Stromal derived factors (SDFs) are a loosely defined group of molecules that are generated by stromal cells. Two of the stromal derived factors, SDF-1 and SDF-4 belong to the chemokine family. Other SDFs, such as SDF-2 and SDF-5 are not well defined and their biological functions are less known. SDF-2 is first isolated from the mouse stromal cell line ST2 as a secretory protein. The amino acid sequence deduced from the murine clone and the human homolog are conserved more than 92 %, and the aa sequence of SDF-2 shows similarity to those of yeast dolichyl phosphate-D-mannose, protein mannosyltransferases. SDF-1 and its receptor are strongly indicated in the progression of various cancers including breast cancer. SDF-2, SDF2-L1, SDF-4, and SDF-5 are ubiquitously expressed in various cancer cell lines and SDF-2, SDF-4 and SDF-5 are expressed in mammary tissues. These SDFs have prognostic value and warrant further investigation in their biological functions and clinical value.

**配方:** PBS

**分子量:** 22.8 kDa

**序列:** Met 1-Leu 211

**纯度:** > 95% by HPLC

**浓度:**

**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.