

FGF-8a/AIGF/HBGF-8, Human, Rcombinant

货号 : PCK137

产品信息

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|------|---|
| 别名 | AIGF, HBGF-8 |
| 物种 | Human |
| 表达宿主 | E.coli |
| 序列信息 | MQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGDP FAKLIVETDTFGSRVRVRAETGLYICMNKKGKLIAKSNGKGKDCVFTIEIV LENNYTALQNAKYEGWYMAFTRKGRPRKGSKTRQHQREVHFMKRLPRG HHTTEQSLRFELNYPPFTRSLRGSQRTWAPEPR with polyhistidine tag at the C-terminus. |
| 检索号 | P55075.1 |
| 分子量 | 22.14 kDa |
| 标签 | His-tag at the C-terminus |
| 生物活性 | Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is <2 µg/mL. |

产品特性

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| 纯度 | >98% as determined by SDS-PAGE. Ni-NTA chromatography |
| 内毒素 | <0.1 EU per 1 µg of the protein by the LAL method. |
| 保存 | Lyophilized protein should be stored at -5~20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~20°C or -80°C for 3-6 months. |
| 运输 | Ambient temperature or ice pack. |
| 制剂 | The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 8.0. |

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Rev.V1.0

复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

FGF-8a is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. FGF-8 shows limited expression in the normal adult, but low levels are found in the reproductive and genitourinary tract, peripheral leukocytes and bone marrow hematopoietic cells.

SDS-PAGE

