# FGF-4/HST-1/HBGF-4, Human, Recombinant

**货号：PCK134**

## 产品信息

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| 别名 | HST-1, Transforming protein KS3, HBGF-4 |
| 物种 | Human |
| 表达宿主 | E.coli |
| 序列信息 | MGRGGAAAPTAPNGTLEAELERRWESLVALSLARLPVAAQPKEAAVQSG AGDYLLGIKRLRRLYCNVGIGFHLQALPDGRIGGAHADTRDSLLELSPVER GVVSIFGVASRFFVAMSSKGKLYGSPFFTDECTFKEILLPNNYNAYESYKYP GMFIALSKNGKTKKGNRVSPTMKVTHFLPRL with polyhistidine tag at the C-terminus |
| 检索号 | P08620.1 |
| 分子量 | 20.70 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 <2.5 ng/mL. |

## 产品特性

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| 纯度 | >95% 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 0.1% sarkosyl in 1X PBS, pH 8.0. |

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| 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-4 encoded by this gene 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-4 is mitogenic for fibroblasts and endothelial cells in vitro and has autocrine transforming potential. It is a potent angiogenesis promoter in vivo and has been investigated as a therapy for coronary artery disease.

## SDS-PAGE