

**FGF-4/HST-1/HBGF-4, Human, Recombinant****Cat. No. : GPCK134****产品信息**

物种	Human
表达宿主	E.coli
序列信息	MGRGGAAAPTAPNGTLEAELERRWESLVALSLARLPVAAQPKEAAVQSGAGDYLLGIKRLRRL YCNVGIGFHLQALPDGRIGGAHADTRDSLLELSPVERGVVSIFGVASRFFVAMSSKGKLYGSPF FTDECTFKEILLPNYNAYESYKYPGMFIALSKNGKTKKGNRVSPTMKVTHFLPRL with polyhistidine tag at the C-terminus.
检索号	P08620.1
标签	His-tag at the C-terminus
分子量	20.70 kDa
有效期	12 months
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**

内毒素 (EU/μg)	< 0.1
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 1 × PBS, pH 8.0.
复溶	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.

