

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

货号：PCK134

产品信息

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 GMFIALSKNGKTKKGNRVSPMTKVTHFLPRL 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

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.



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

