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Recombinant Human Fibroblast Growth Factor 1/FGF-1/FGFa(Ala2-Asp155) Protein

产品货号: TP05492

第三版

别名:Fibroblast Growth Factor 1; FGF-1; Acidic Fibroblast Growth Factor; aFGF; Endothelial Cell Growth Factor; ECGFHeparin-Binding Growth Factor 1; HBGF-1; FGF1; FGFA

描述:FGF acidic, also known as ECGF, FGF-1and HBGF-1, is a non-glycosylated heparin binding growth factor that is expressed in the brain, kidney, retina, smooth muscle cells, bone matrix, osteoblasts, astrocytes and endothelial cells. It is a mitogenic peptide that is produced by multiple cell types and stimulates the proliferation of cells of mesodermal, ectodermal, and endodermal origin. Its association with heparan sulfate is a prerequisite for activation of FGF receptors. Internalized FGF acidic migrates to the nucleus where it is phosphorylated by nuclear PKC delta, exported to the cytosol, dephosphorylated, and degraded. Intracellular FGF acidic inhibits p53 activity and proapoptotic signaling.

配方:PBS

分子量:17.3 kDa

序列:Ala2-Asp155

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.