

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

货号: PCK137

## 产品信息

别名 AIGF, HBGF-8

物种 Human

表达宿主 E.coli

序列信息 MQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGDP

> FAKLIVETDTFGSRVRVRGAETGLYICMNKKGKLIAKSNGKGKDCVFTEIV LENNYTALQNAKYEGWYMAFTRKGRPRKGSKTRQHQREVHFMKRLPRG HHTTEQSLRFEFLNYPPFTRSLRGSQRTWAPEPR 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

 $<2 \mu g/mL$ .

产品特性

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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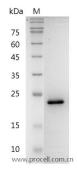
#### 复融

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**



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