

## FGF-2/ bFGF/ FGF-b (Gly132-Ser288), Human, Recombinant

货号：PCK007

### 产品信息

|      |  |
|------|--|
| 别名   | Fibroblast Growth Factor 2; FGF-2; Basic Fibroblast Growth Factor; bFGF; Heparin-Binding Growth Factor 2; HBGF-2; FGF2; FGFB |
| 物种   | Human  |
| 表达宿主 | E.coli   |
| 序列信息 | Gly132-Ser288  |
| 检索号  | P09038-4   |
| 分子量  | 17.4 kDa   |
| 生物活性 | Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 0.42 ng/ml.                       |

### 产品特性

|     |   |
|-----|---|
| 纯度  | >95% as determined by reducing SDS-PAGE.  |
| 内毒素 | <1.0 EU/μg as determined by LAL test.   |
| 保存  | Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months. |
| 运输  | Ambient temperature or ice pack.  |
| 制剂  | Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 150mM NaCl, 3% Trehalose, 4% Mannitol, pH 7.5   |



## 复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 背景介绍

FGF-basic is a members of the Fibroblast Growth Factors (FGFs) family. The family constitutes a large family of Proteins involved in many aspects of development including cell proliferation, growth, and differentiation. They act on several cell types to regulate diverse physiologic functions including angiogenesis, cell growth, pattern formation, embryonic development, metabolic regulation, cell migration, neurotrophic effects, and tissue repair. FGF-basic is a non-glycosylated heparin binding Growth Factor that is expressed in the brain, pituitary, kidney, retina, bone, testis, adrenal gland liver, monocytes, epithelial cells and endothelial cells. FGF-basic signals through FGFR 1b, 1c, 2c, 3c and 4.

## SDS-PAGE

