

**FGF-8B, Human, Recombinant****Cat. No. : GPCK225****产品信息**

物种	Human
表达宿主	E.coli
序列信息	Gln23-Arg215
检索号	P55075-3/P37237-2
分子量	22.5 kDa
有效期	12 months
生物活性	Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 9.32 ng/mL.

**产品特性**

内毒素 (EU/μg)	< 0.1
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 20 mM PB, 300 mM NaCl, 2% Sucrose, 0.02% Tween 80, pH7.4.
复溶	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 sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**背景介绍**

Fibroblast Growth Factor 8 (FGF-8) is a member of the fibroblast Growth Factor family. It is discovered as a Growth Factor essential for the androgen-dependent growth of mouse mammary carcinoma cells. Mouse FGF-8b shares 100% aa identity with human FGF-8b. FGF-8 is widely expressed during embryogenesis, and mediates epithelial-mesenchymal transitions. It plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. It is required for normal brain, eye, ear, limb development during embryogenesis and normal development of the gonadotropin-releasing hormone (GnRH) neuronal system.

