

**FGF-2/bFGF/FGF-b (Met134-Ser288), Human, Recombinant****Cat. No. : PCK008****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	Met134-Ser288
检索号	P09038
分子量	17.3 kDa
有效期	12 months
生物活性	Measured in a cell proliferation assay using Balb/3T3 mouse fibroblast cells. The ED50 for this effect is 0.1-0.6 ng/mL.

**产品特性**

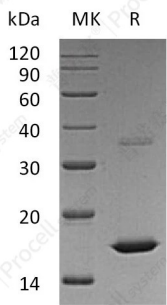
内毒素	< 1.0 EU per 1 µg as determined by LAL test.
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 8% Trehalose, 2% Mannitol, 0.05% Tween80, 2 mM EDTA, pH8.0.
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 2 (FGF2) is a secreted Protein and belongs to the heparin-binding Growth Factors family. FGF2 is produced by epithelial, tumor and other cell types. It involved in developmental processes and regulates differentiation, proliferation, and migration, FGF2 is a critical factor for growing embryonic stem cells in culture without inducing differentiation. FGF2 has a high affinity for heparan sulfate and binding is a step in the FGF basic activation of FGFR tyrosine kinase.



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Bio activity

