

FGF-2/bFGF/FGF-b (Met134-Ser288), Human, Recombinant

货号: 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

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

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-HCl, 8% Trehalose, 2%

Mannitol, 0.05% Tween80, 2mM EDTA, pH8.0.

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复融

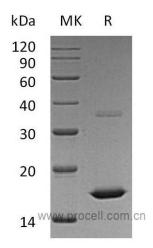
Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than $100 \,\mu\text{g/ml.D}$ is solve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

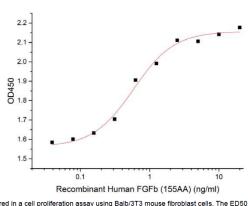
Fibroblast Growth Factor 2 (FGF2) is a secreted Protein and belongs to the heparin-binding Growth Factors family. FGF2 is produced by epithelial, tumor and other cell types. It involved in developmental processes and regulates differentiation, proliferation, and migration, FGF2 is a critical factor for 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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SDS-PAGE



生物活性



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