

**FGF-7/KGF, Human, Recombinant****Cat. No. : PCK135****产品信息**

别名	Fibroblast Growth Factor 7;FGF-7;Heparin-binding Growth Factor 7;HBGF-7;Keratinocyte Growth Factor;FGF7;KGF
物种	Human
表达宿主	E.coli
序列信息	Cys32-Thr194
检索号	P21781
分子量	18.9 KDa
有效期	12 months

**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, 1 mM EDTA, 5% Trehalose, 0.02% Tween 80, pH 8.0.
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 7 (FGF7) is a secreted protein which is mainly located in epithelial cells and belongs to the heparin-binding Growth Factors 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. FGF7 is a potent epithelial cell-specific Growth Factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. It is possible major paracrine effector of normal epithelial cell proliferation.



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