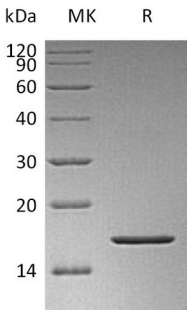
Product Name: Recombinant Human FGFb(K128N)
Catalog #: PEH0658

概述（Summary）

英文全称	FGF-2/bFGF/FGF basic/FGFb (Thermostable,Met1-Ser155,K128N)
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Thermostable Fibroblast Growth Factor 2 is produced by our E.coli expression system and the target gene encoding Met1-Ser155 is expressed.
Accession #	BAG70135.1
蛋白标签（Tag）	
表达宿主（Host）	E.coli
种属（Species）	Human
预测分子量（Predicted MW）	17.2 KDa
蛋白形态（Form）	Supplied as a 0.2 μm filtered solution of 20mM Citrate,10% Trehalose,150mM NaCl,0.04% PS80,0.5mM EDTA,pH 5.5.
储存缓冲液（Buffer）	
运输方式（Shipping）	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶（Reconstitution）	0.00.0

电泳图（SDS-PAGE image）



背景（Background）

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分子别名（Alternative Names）	Fibroblast growth factor 2; FGF-2; Basic fibroblast growth factor; bFGF; Heparin-binding growth factor 2; HBGF-2; FGF2; FGFB
背景介绍（References）	Fibroblast growth factors (FGF) are a family of heparin-binding secreted proteins that stimulate cell proliferation and differentiation in a wide variety of tissues. FGFs play important roles in diverse biological functions both in vivo and in vitro, including mitogenesis, cellular migration, differentiation, angiogenesis, and wound healing. Human embryonic stem cell (hESC) cultures require FGF basic (also known as FGF-2 or bFGF) in cell culture media to remain in an undifferentiated and pluripotent state. Thermostable FGF basic was engineered for enhanced stability in culture media, without modification of its biological function. FGF basic is a required component of stem cell culture media for maintaining cells in an undifferentiated state. Because FGF basic is unstable, daily media changes are needed. The thermostable FGF basic that supports a 2-day media change schedule, so no media changes are required over a weekend. This thermostable FGF basic was more stable than FGF basic in biochemical studies, and maintained cell growth, pluripotency and differentiation potential with a 2-day feeding schedule.

注意事项（Note）

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