Recombinant Human bFGF/FGF-2

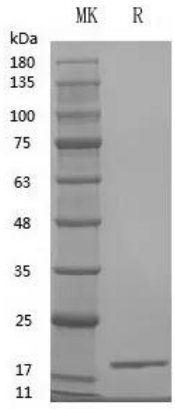
Catalog#:PEH2501

概述（Summary）

别称（Alternative Names）	Fibroblast Growth Factor 2; FGF-2; Basic Fibroblast Growth Factor; bFGF; Heparin-Binding Growth Factor 2; HBGF-2; FGF2; FGFB
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	≤10 EU/mg
蛋白构建（Construction）	【Pro143-Ser288】
Accession #	P09038
表达宿主（Host）	E. coli
种属（Species）	Human
预测分子量（Predicted MW）	17 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 10mM PB,250mM NaCl,5% mannitol and 0.01% Tween 80,pH 7.4
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
背景介绍（References）	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

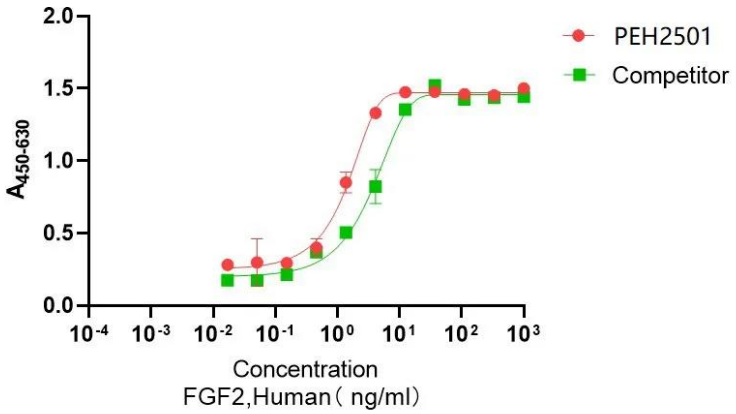
FGFR tyrosine kinase.

电泳图（SDS-PAGE image）



Greater than 95% as determined by reducing SDS-PAGE

活性图（Bioactivity image）



Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast Cells. The ED50 for this effect ≤2.0 ng/mL.

注意事项（Note）

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