

Product Name: GMP Recombinant Human FGF-7/KGF
Catalog#: PCH90011

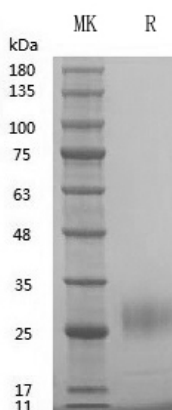


Summary

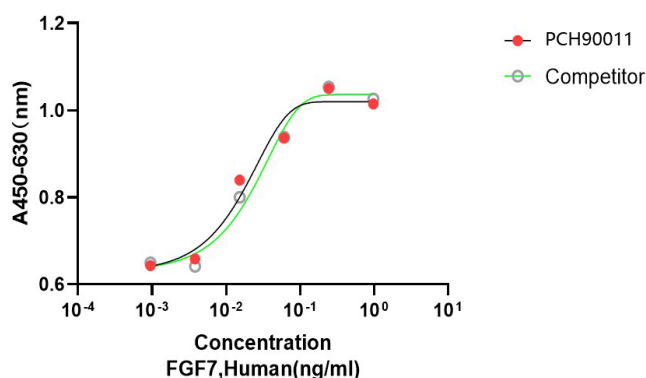
Name	FGF-7/KGF
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	≤10 EU/mg
Construction	Recombinant Human FGF-7/KGF is produced by our Mammalian cell expression system and the target gene encoding Cys32-Thr194 is expressed.
Accession #	P21781
Tag	Tag free
Host	Mammalian cell
Species	Human
Predicted MW	18.8 kDa
Form	Lyophilized
Buffer	PBS,5% mannitol and 0.01% Tween 80, pH7.4
Shipping	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	36 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.
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.

SDS-PAGE image

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Bioactivity image



Measured by its ability to induce IL-11 secretion by Saos-2 human osteosarcoma cells. The ED50 for this effect is ≤ 1 μ g/mL.

Background

Alternative Names

Fibroblast growth factor 7; FGF-7; Heparin-binding growth factor 7; HBGF-7; Keratinocyte growth factor; FGF7; KGF

References

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

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fibroblasts and endothelial cells. It is possible major paracrine effector of normal epithelial cell proliferation.

Note

For research use only .