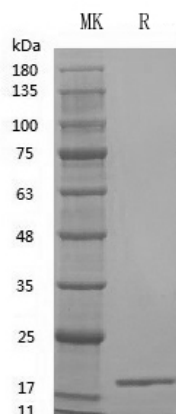


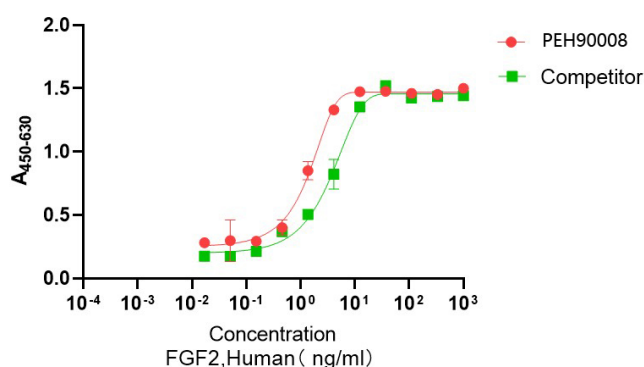
Summary

Name	bFGF/FGF-2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	≤10 EU/mg
Construction	Recombinant Human bFGF/FGF-2 is produced by our E coli expression system and the target gene encoding Pro 143-Ser 288 is expressed.
Accession #	P09038
Tag	Tag free
Host	E coli
Species	Human
Predicted MW	17 kDa
Form	Lyophilized
Buffer	10mM PB,250mM NaCl,5% mannitol and 0.01% Tween 80,pH 7.4
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
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.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



Bioactivity image



The ED50 this effect is ≤ 2.0 ng/mL

Background

Alternative Names

Fibroblast Growth Factor 2; FGF-2; Basic Fibroblast Growth Factor; bFGF; Heparin-Binding Growth Factor 2; HBGF-2; FGF2; FGFb

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.

Note

Product Name: GMP Recombinant Human bFGF/FGF-2
Catalog#: PEH90008



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