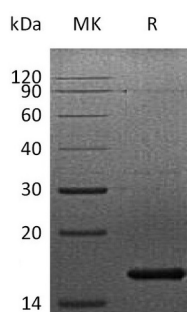


Summary

Name	FGF-7/KGF/Fibroblast Growth Factor 7
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Fibroblast Growth Factor 7/Keratinocyte Growth Factor is produced by our E.coli expression system and the target gene encoding Cys32-Thr194 is expressed.
Accession #	P21781
Host	E.coli
Species	Human
Predicted Molecular Mass	18.9 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris , 1mM EDTA , 5% Trehalose, 0.02% Tween 80, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -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 ≤ -20°C for 3 months.
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



Background

Product Name: Recombinant Human KGF
Catalog #: PEH0652

Alternative Names

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

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.