**Description** 

**Background** 



## **PRODUCT INFORMATION**

KGF **Target** 

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

Recombinant Human Fibroblast Growth Factor 7/Keratinocyte growth factor is produced by our Mammalian expression system and the target gene encoding Cys32-Thr194 is expressed with a 6His tag at the C-terminus.

In Stock **Delivery Uniprot ID** P21781 **Expression Host HEK293** 

Tag C-6×His Tag

Molecular Characterization

Not available

**Molecular Weight** 20 KDa

Greater than 95% as determined by reducing **Purity** 

SDS-PAGE.

Lyophilized from a 0.2 µm filtered solution of PBS, Formulation & Reconstitution

pH 7.4.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

témperature.

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

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proliferation.

Usage Research use only Conjugate Unconjugated



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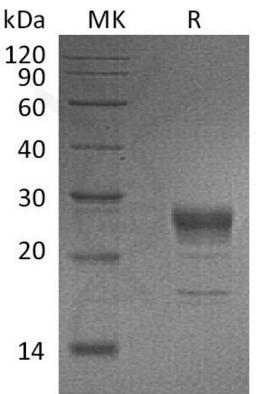


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

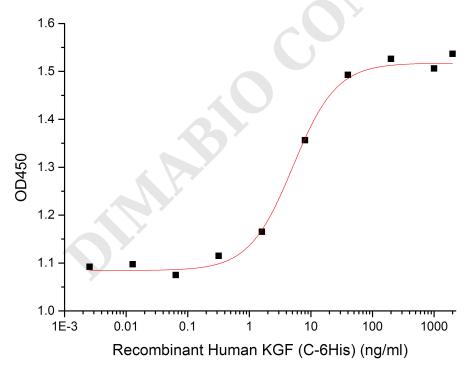


Figure 2. Measured in a cell proliferation assay using HaCaT cells. The ED50 for this effect is 10.94 ng/ml.



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