

**Recombinant Human Fibroblast Growth Factor 7/FGF-7/KGF Protein**

**Cat.NO.: TP06100**

3th Edition

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

**Description:**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.

**Form:**PBS

**Molecular Weight:**19.1 kDa

**Sequences:**Cys32-Thr194

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.