
Recombinant human FGF-7 (KGF) protein (Active, HEK293)

Catalog Number: bs-48029P

Concentration: >0.5 mg/ml

AA Seq: N/A

Detected MW: 17-30 kDa

Tags: Tag free

Activity: Yes

Endotoxin: <0.5 EU/μg as determined by LAL.

Purity: >95% as determined by SDS-PAGE

Purification: AC

Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -80°C under sterile conditions after reconstitution.

Background: KGF is a member of the fibroblast growth factor (FGF) 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. This protein is a potent epithelial cell specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. Studies of mouse and rat homologs of this gene implicated roles in morphogenesis of epithelium, reepithelialization of wounds, hair development and early lung organogenesis.