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antibody and ELISA experts

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Recombinant Mouse FGF7 Protein

CAT. NO: R01931-1

Size: 100μg

Description

KGF (keratinocyte growth factor), also known as FGF-7 (fibroblast growth factor-7), is one of 22 known members. The protein encoded by this gene 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.

Amino Acid Sequence:

CNDMS PEQTA TSVNC SSPER HTRSY DYMEG GDIRV RRLFC RTQWY LRIDK RGKVK GTQEM KNSYN IMEIR TVAVG IVAIK GVESE YYLAM NKEGK LYAKK ECNED CNFKE LILEN HYNTY ASAKW THSGG EMFVA LNQKG IPVKG KKTKK EQKTA HFLPM AIT

Source: E. coli cys32-thr194

Species: mouse

Purity: >95%, by SDS-PAGE quantitative densitometry by Coomassie® Blue Staining.

Molecular Weight: 18.7KD

Formulation: Lyophilized after extensive dialysis against PBS.

Reconstitution: Reconstitute in ddH_2O at 100 μg/mL.

Endotoxin: Less than 1 EU/μg of FGF7 as determined by LAL method.

Storage:

Lyophilized recombinant mouse FGF7 remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, rmFGF7 remains stable up to 2 weeks at 4°C or up to 3 months at -20°C.