

32-1547: KGF 2 His Recombinant Protein

Alternative Name : FGFA,FGF10,FGF-10,KGF-2,Fibroblast growth factor 10.

Description

Source : E.coli. KGF 2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 196 amino acids (38-208) and having a molecular mass of 22.0kDa. KGF 2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. KGF-2 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. FGF-10 exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of limb bud formation. This gene is also implicated to be a primary factor in the process of wound healing.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The KGF 2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl 2mM DTT, 2mM EDTA and 50% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSQMALGQ DMVSPEATNS SSSSFSSPSS AGRHVRSYNH LQGDVRWRKL FSFTKYFLKI EKNGKVS GTK KENCPSILE ITSVEIGVVA VKAINSNNYL AMNKKGKLYG SKEFNNDCKL KERIEENGYN TYASFNWQHN GRQMYVALNG KGAPRRGQKT RRKNTSAHFL PMVVHS

