9051 Mira Mesa Blvd, #910094
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KGF 2 His Human

Keratinocyte Growth Factor-2 Human Recombinant, His Tag
GRF0192

Product Overview

Name	KGF 2 His Human
Description	
Keratinocyte Growth Factor-2 Human Recombinant, His Tag	
Accession (Primary)	O15520
Synonyms	
FGFA, FGF10, FGF-10, KGF-2, Fibroblast growth factor 10.	
Introduction	
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 lim bud formation. This gene is also implicated to be a primary factor in the process of wound healing.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The KGF 2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl 2mM DTT, 2mM EDTA and 50% glycerol.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM QALGQ DMVSPEATNS SSSSFSSPSS AGRHVRSYNH LQGDVRWRKL	

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FSFTKYFLKI EKNGKVSGTK KENCPYSILE ITSVEIGVVA VKAINSNYYL AMNKKGKLYG SKEFNNDCKL KERIEENGYN TYASFNWQHN GRQMYVALNG KGAPRRGQKT RRKNTSAHFL PMVVHS

Precautions

KGF 2 His Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O15520)