9051 Mira Mesa Blvd, #910094
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FGF6 Human

Fibroblast Growth Factor-6 Human Recombinant
GRF0104

Product Overview

Name	FGF6 Human
Description	
Fibroblast Growth Factor-6 Human Recombinant	
Accession (Primary)	P10767
Synonyms	
Fibroblast Growth Factor 6, Heparin Secretory-Transforming Protein 2, Heparin-Binding Growth Factor 6, HBGF-6, HSTF-2, FGF-6, HST-2, HST2, HSTF2, FGF6.	
Introduction	
Fibroblast Growth Factor-6 (FGF6) belongs to the fibroblast growth factor (FGF) family. FGF family members possess extensive mitogenic and cell survival functions, and are involved in various biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The FGF6 gene displayes oncogenic transforming activity when transfected into mammalian cells. The mouse homolog of the FGF6 gene displays a restricted expression profile predominantly in the myogenic lineage, suggesting a role in muscle regeneration or differentiation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
FGF-6 protein was lyophilized from a 0.2 μm filtered solution in 10mM sodium phosphate and 50mM sodium chloride pH 7.5.	
Stability	
Lyophilized FGF6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF-6 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	

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MGTRANNTLL DSRGWGTLLS RSRAGLAGEI AGVNWESGYL VGIKRQRRLY CNVGIGFHLQ VLPDGRISGT HEENPYSLLE ISTVERGVVS LFGVRSALFV AMNSKGRLYA TPSFQEECKF RETLLPNNYN AYESDLYQGT YIALSKYGRV KRGSKVSPIM TVTHFLPRI.

Solubility

It is recommended to reconstitute the lyophilized FGF6 in sterile 18M-cm H 2 O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

FGF6 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P10767)