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FGF 22 Human

Fibroblast Growth Factor-22 Human Recombinant
GRF0077

Product Overview

Name	FGF 22 Human
Description	
Fibroblast Growth Factor-22 Human Recombinant	
Accession (Primary)	Q9HCT0
Synonyms	
Fibroblast growth factor 22, FGF-22.	
Introduction	
FGF22 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. The mouse homolog of this gene was found to be preferentially expressed in the inner root sheath of the hair follicle, which suggested a role in hair development.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered white lyophilized powder.	
Formulation	
The sterile protein powder is lyophilized with no additives.	
Stability	
Lyophilized Fibroblast Growth Factor 22 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF-22 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 97.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
MTPSASRGPR SYPHLEGDVR WRRLFSSTHF FLRVDPGGRV QGTRWRHGQD SILEIRSVHV GVVVIKAVSS GFYVAMNRRG RLYGSRLYTV DCRFRERIEE NGHNTYASQR WRRRGQPMFL ALDRRGGPRP GGRTRRYHLS AHFLPVLVS.	

Solubility

It is recommended to reconstitute the lyophilized Fibroblast Growth Factor-22 sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

FGF 22 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9HCT0)