9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FGF23 Human, Sf9

Fibroblast Growth Factor-23 Human Recombinant, Sf9
GRF0101

Product Overview

Name	FGF23 Human, Sf9
Description	
Fibroblast Growth Factor-23 Human Recombinant, Sf9	
Accession (Primary)	Q9GZV9
Synonyms	
Fibroblast growth factor 23, FGF-23, Phosphatonin, Tumor-derived hypophosphatemia-inducing factor, HYPF.	
Introduction	
FGF-23 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, tissue repair, morphogenesis, tumor growth and invasion. FGF-23 inhibits renal tubular phosphate transport. This gene was identified by its mutations associated with autosomal dominant hypophosphatemic rickets (ADHR), an inherited phosphate wasting disorder. a high level expression of FGF23 was found in oncogenic hypophosphatemic osteomalacia (OHO), a phenotypically similar disease caused by abnormal phosphate metabolism.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
FGF23 protein solution (0.25mg/ml) containsPhosphate Buffered Saline (pH 7.4), 2mM DTT, 1mM EDTA and 10% 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP YPNASPL LGSSWGGLIH LYTATARNSY HLQIHKNGHV DGAPHQTIYS ALMIRSEDAG FVVITGVMSR RYLCMDFRGN IFGSHYFDPE NCRFQHQTLE NGYDVYHSPQ YHFLVSLGRA KRAFLPGMNP PPYSQFLSRR	

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NEIPLIHFNT PIPRRHTRSA EDDSERDPLN VLKPRARMTP APASCSQELP SAEDNSPMAS DPLGVVRGGR VNTHAGGTGP EGCRPFAKFI HHHHHH .

Precautions

FGF23 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9GZV9)