9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

FIBP Human

FGF-1 Intracellular-Binding Protein Human Recombinant
GRF0107

Product Overview

Name	FIBP Human
Description	
FGF-1 Intracellular-Binding Protein Human Recombinant	
Accession (Primary)	O43427
Synonyms	
FGFIBP, FIBP-1, Acidic fibroblast growth factor intracellular-binding protein, aFGF intracellular-binding protein, FGF-1 intracellular-binding protein, FIBP.	
Introduction	
FGF-1 Intracellular-Binding Protein (FIBP) which is a member of Fibroblast growth factors (FGFs) binds to internalized FGF-1 and is thought to be involved in mitogenic function of FGF-1. FGF activity effects development, adult tissue homeostasis, angiogenesis and cancer progression. FIBP localizes to the nucleus and is greatly expressed in heart, skeletal muscle and pancreas and at lower levels in brain, placenta, liver and kidney.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
FIBP protein (0.5mg/ml) is supplied in 20mM Tris-HCl buffer (pH 8.0) 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 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MTSELDI FVGNTTLIDE DVYRLWLDGY SVTDAVALRV RSGILEQTGA TAAVLQSDTM DHYRTFHMLE RLLHAPPKLL HQLIFQIPPS RQALLIERYY AFDEAFVREV LGKKLSKGTK KDLDDISTKT GITLKSCRRQ FDNFKRVFKV VEEMRGSLVD NIQQHFLLSD RLARDYAAIV FFANNRFETG KKKLQYLSFG DFAFCAELMI QNWTLGAVGE APTDPDSQMD DMDMDLDKEF LQDLKELKVL VADKDLLDLH	

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KSLVCTALRG KLGVFSEMEA NFKNLSRGLV NVAAKLTHNK DVRDLFVDLV EKFVEPCRSD HWPLSDVRFF LNQYSASVHS LDGFRHQALW DRYMGTLRGC LLRLYHD.

Precautions

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

Target Information: (O43427)