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

FGFBP Human

Fibroblast Growth Factor Binding Protein 1 Human Recombinant
GRF0106

Product Overview

Name	FGFBP Human

Description

Fibroblast Growth Factor Binding Protein 1 Human Recombinant

Accession (Primary)	Q14512

Synonyms

Fibroblast Growth Factor Binding Protein 1, FGFBP, HBP17, 17 KDa Heparin-Binding Growth Factor-Binding Protein, 17 KDa HBGF-Binding Protein, FGF-Binding Protein 1, FGF-BP1, FGFBP-1, FGF-BP, Heparin-Binding Growth Factor Binding Protein, Fibroblast Growth Factor-Binding Protein 1, Fibroblast growth factor-binding protein 1.

Introduction

Fibroblast Growth Factor Binding Protein 1, also known as FGFBP1 is a secreted fibroblast growth factor carrier protein. FGFBP1 plays a vital part in cell proliferation, differentiation and migration by binding to fibroblast growth factors and potentiating their biological effects on target cells. In addition, FGFBP1 also takes part in tumor growth as an angiogenic switch molecule, furthermore an expression of FGFBP1 has been associated with more than a few types of cancer as well as pancreatic and colorectal adenocarcinoma.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless clear solution.

Formulation

FGFBP protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

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). Please avoid freeze thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS KKKVKNG LHSKVVSEQK DTLGNTQIKQ KSRPGNKGKF VTKDQANCRW AATEQEEGIS LKVECTQLDH EFSCVFAGNP TSCLKLKDER VYWKQVARNL RSQKDICRYS KTAVKTRVCR

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KDFPESSLKL VSSTLFGNTK PRKEKTEMSP REHIKGKETT PSSLAVTQTM ATKAPECVED PDMANQRKTA LEFCGETWSS LCTFFLSIVQ DTSC.

Precautions

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

Target Information: (Q14512)