
Product Data Sheet

Product Name: FGFBP Human
 Cat. No.: GP20257
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSH MGSKKKVKNGLSKVVSEK DTLGNTQIKQ KSRPGNKGKF VTKDQANCRW AATEQEEGIS LKVECTQLDH EFSCVFAGNPTSCLKLKDER VYWKQVARNL RSQKDICRYS KTAVKTRVCR KDFPESSLKL VSSTLFGNTK PRKEKTEMSPREHIK GKETT PSSLAVTQTM ATKAPECVED PDMANQRKTA LEFCGETWSS LCTFFLSIVQ DTSC.		
Formulation	FGFBP protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.		

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.

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%

Caution: Product has not been fully validated for medical applications. For research use only.

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HSA or BSA). Please avoid freeze thaw cycles.

Background

FGFBP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 234 amino acids (24-234 a.a) and having a molecular mass of 26.2kDa. FGFBP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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