

32-6358: FGFBP Human

Alternative Name : 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.

Description

Source: Escherichia Coli.

Sterile Filtered colorless clear solution.

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.

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.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

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

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSKKKVKNG LHSKVSEQK DTLGNTQIKQ KSRPGNKGKF
VTKDQANCRW AATEQEEGIS LKVECTQLDH EFSCVFAGNP TSCLKLKDER VYWKQVARNL RSQKDICRYS
KTAVKTRVCR KDFPESSLKL VSSTLFGNTK PRKEKTEMSP REHIKGKETT PSSLAVTQTM ATKAPECVED
PDMANQRKTA LEFCGETWSS LCTFFLSIVQ DTSC.