



FGF-1 Intracellular-Binding Protein, human recombinant (rhuFIBP)

Catalog No: 99921
Lot No: XXXXX
Source: *E. coli*
Synonyms: FGFIBP, FIBP-1, Acidic fibroblast growth factor intracellular-binding protein, aFGF intracellular-binding protein, FGF-1 intracellular-binding protein, FIBP

Background

FGF-1 intracellular-binding protein (FIBP), which is a member of the fibroblast growth factors (FGFs), binds to internalized FGF-1 and is thought to be involved in mitogenic function of FGF-1. FGF activity affects development, adult tissue homeostasis, angiogenesis and cancer progression. FIBP localizes to the nucleus and is greatly expressed in the heart, skeletal muscle and pancreas, and at lower levels in the brain, placenta, liver and kidney.

Description

FIBP Human Recombinant, produced in *E. coli*, is a single, non-glycosylated polypeptide chain containing 387 amino acids (1-364). It has a molecular mass of 44.3 kDa. The FIBP is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered, colorless solution.

Formulation

FIBP protein (0.5 mg/ml) is supplied in 20 mM 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.

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.

CONTACT US TODAY

BIOMOL GmbH • Kieler Straße 303a • 22525 Hamburg • Germany • info@biomol.de • www.biomol.de

Fon: +49 (0)40-853 260 0 • TOLL FREE IN GERMANY: Fon: 0800-246 66 51