

# Recombinant Human FIBP Protein

Catalog Number:PKSH032428



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

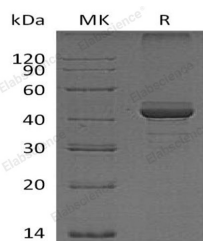
## Description

|                                    |   |
|------------------------------------|---|
| <b>Synonyms</b>                    | Acidic Fibroblast Growth Factor Intracellular-Binding Protein;aFGF Intracellular-Binding Protein;FGF-1 Intracellular-Binding Protein;FIBP |
| <b>Species</b>                     | Human   |
| <b>Expression Host</b>             | E.coli  |
| <b>Sequence</b>                    | Met 1-Asp357  |
| <b>Accession</b>                   | NP_004205.2   |
| <b>Calculated Molecular Weight</b> | 41.8 kDa  |
| <b>Observed molecular weight</b>   | 40-50 kDa   |
| <b>Tag</b>                         | None  |

## Properties

|                       |  |
|-----------------------|--|
| <b>Purity</b>         | > 95 % as determined by reducing SDS-PAGE.   |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.  |
| <b>Storage</b>        | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.   |
| <b>Shipping</b>       | This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C. |
| <b>Formulation</b>    | Supplied as a 0.2 µm filtered solution of 50mM Tris-HCl,pH8.0.   |
| <b>Reconstitution</b> | Not Applicable   |

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Acidic Fibroblast Growth Factor Intracellular-Binding Protein (FIBP) is highly expressed in the heart, skeletal muscle, and pancreas. Acidic Fibroblast Growth Factor is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FIBP is an intracellular protein that binds selectively to acidic fibroblast growth factor (aFGF). It is postulated that FIBP may be involved in the mitogenic action of aFGF.

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