

[Go to Product page](#)

Datasheet for ABIN1691937 FIBP Protein (AA 1-357)

Overview

| | |
|--------------------------|----------------------------|
| Quantity: | 50 µg |
| Target: | FIBP |
| Protein Characteristics: | AA 1-357 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |

Product Details

| | |
|------------------|--|
| Purpose: | Recombinant Human FGF1 Intracellular-Binding Protein/FIBP |
| Sequence: | AMADIGSMTS ELDIFVGNTT LIDEDVYRLW LDGYSVTDV ALRVRSGILE QTGATAAVLQ SDTMDHYRTF HMLERLLHAP PKLLHQLIFQ IPPSRQALLI ERYYAFDEAF VREVLGKKLS KGTCKDLDDI STKTGITLKS CRRQFDNFKR VFKVVEEMRG SLVDNIQQHF LLSDLRLARDY AAIVFFANNR FETGKKKLQY LSGDFAFCA ELMIQNWTLG AVDSQMDDMD MDLDKEFLQD LKEKVLVAD KDLLDLHKSL VCTALRGKLG VFSEMEANFK NLSRGLVNVA AKLTHNKDVR DLFVDLVEKF VEPCRS DHWP LSDVRFFLNQ YSASVHSLDG FRHQALWDRY MGTLRGCLLR LYHD |
| Characteristics: | Recombinant Human Acidic Fibroblast Growth Factor Intracellular-Binding Protein/FIBP is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Asp357) of Human FIBP. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Sterility: | 0.2 µm filtered |
| Endotoxin Level: | Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test |

Target Details

| | |
|-------------------|---|
| Target: | FIBP |
| Alternative Name: | FIBP (FIBP Products) |
| Background: | <p>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.</p> <p>Alternative Names: Acidic Fibroblast Growth Factor Intracellular-Binding Protein, aFGF Intracellular-Binding Protein, FGF-1 Intracellular-Binding Protein, FIBP</p> |
| Molecular Weight: | 41.8 kDa |
| UniProt: | O43427 |

Application Details

| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

| | |
|------------------|--|
| Format: | Liquid |
| Reconstitution: | <p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p> |
| Buffer: | Supplied as a 0.2 µm filtered solution of 50 mM TrisHCl, pH 8.0. |
| Handling Advice: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. |
| Storage: | -80 °C |
| Storage Comment: | <p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p> |
| Expiry Date: | 6 months |