

## 32-8124: Recombinant Human FGF1 Intracellular-Binding Protein/FIBP

**Gene :** FIBP  
**Gene ID :** 9158  
**Uniprot ID :** O43427

### Description

Source: E. coli.  
MW :41.8kD.

Recombinant Human FIBP is produced by our E.coli expression system and the target gene encoding Met1-Asp357 is expressed. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 50mM TrisHCl,pH8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** AMADIGSMTSELDIFVGNTTLLIEDVYRLWLDGYSVTDAVALRVRSRGILEQTGATAAVLQSDTMDHYRTFHML  
ERLLHAPPKLLHQLIFQIPPSRQALLIERYAFDEAFVREVLGKKLSKGTKKDLDISTKTGITLKSRRQFDNFKR  
VFKVVEEMRGS�VDNIQQHFLLSDRLARDYAAIVFFANNRFETGKKKLQYLSFGDFAFCAELMIQNWTLGAVDS  
QMDDMDMDLDKEFLQDLKELKVLVADKDLLDLHKS�VCTALRGKLGVFSEMEANFKNLSRGLVNVAACLTHN  
KDVRDLFVDLVEKFVEPCRSDHWPLSDVRFFLNQYSASVHSLDGRHQALWDRYMGTLRGCLLRLYHD

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.