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# 37-1038: Human bFGF / FGF2 Recombinant Protein(Discontinued)

**Reactivity :** Human
**Alternative Name :** BFGF Protein, FGF-2 Protein, FGFB Protein, HBGF-2 Protein,

## Description

**Source : E. coli**
Basic fibroblast growth factor (bFGF), also known as FGF2, is a member of the fibroblast growth factor (FGF) family. It is a highly specific chemotactic and mitogenic factor for many cell types, appears to be involved in remodeling damaged tissue, such as ulcer healing, vascular repair, traumatic brain injury (TBI). bFGF is a critical component of human embryonic stem cell culture medium. In addition, bFGF protein is a heparin-binding cationic protein involved in a variety of pathological conditions including angiogenesis and solid tumour growth. Thus, bFGF is regarded as a target for cancers chemopreventive and therapeutic strategies. bFGF/FGF2 Protein & Antibody Products

## Product Info

| | |
|---|---|
| **Amount :** | Human bFGF / FGF2 Recombinant Protein(Discontinued) / 50 µg |
| **Purification :** | > 95 % as determined by SDS-PAGE |
| **Content :** | Formulation Lyophilized from sterile 20mM Tris, pH 7.4<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| **Storage condition :** | Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Amino Acid :** | Pro143-Ser288 |

## Application Note

Measured in a cell proliferation assay using BALB/c 3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 0.02-0.1 ng/ml.
Endotoxin :< 1.0 EU per µg protein as determined by the LAL method.
Other pack size also available.

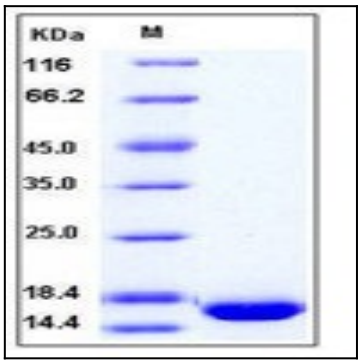



Fig 1: Human bFGF / FGF2 Recombinant Protein

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***

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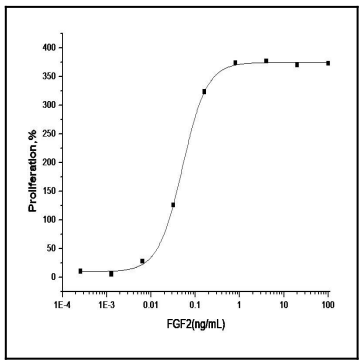



Fig 2: Human bFGF / FGF2 Recombinant Protein measured in a cell proliferation assay using BALB/c 3T3 mouse embryonic fibroblasts.

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