

Recombinant Human Fibroblast Growth Factor Basic, bFGF

Cat# P2002

Storage at -20°C or -80°C

Size	25 ug/50 ug
Introduction	Fibroblast Growth Factor-basic (bFGF), also known as FGF-2, is a heparin-binding member of the FGF superfamily of molecules. It plays important role in cell proliferation and differentiation associated with embryogenesis, tissue regeneration, wound healing, CNS development, angiogenesis, and tumor progression. Additionally, bFGF is a potent mitogenic agent for a wide variety of mesoderm-derived cells including BALB/c 3T3 fibroblasts, capillary and endocardial endothelial cells, myoblasts, vascular smooth muscle cells, mesothelial cells, glial and astroglial cells, and adrenal cortex cells. Recombinant human bFGF in E.coli is a single, non-glycosylated, polypeptide chain containing 155 amino acids and having a molecular mass of 16.4 KD.
Molecular weight	16.4 KD
CAS Number	106096-93-9
Purity	98%
Formulation	100 µg/ml in ddH ₂ O w/ 0.1% BSA
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store at 2 to 8 °C for 2-7 days usage.
Main Function	Cell culture, artificial meat culture, scar removal, wound treatment

PRODUCT USE LIMITATION

These products are intended for research use only.