

FGF

Recombinant Human FGF-acidic

Catalog No.	CSI15664	Quantity:	1.0 mg
	CSI15664A		100 µg
	CSI15664B		500 µg

Alternate Names: FGF1, ECGF-beta, HBGF-1

Description: Acidic fibroblast growth factor (aFGF) belongs to the fibroblast growth factor family. It is a potent mitogenic agent. aFGF has been detected in large amounts in the brain. Other cells known to express FGF acidic include hepatocytes, vascular smooth muscle cells, CNS neurons, skeletal muscle cells, fibroblasts, keratinocytes, endothelial cells, intestinal columnar epithelium cells and pituitary basophils and acidophils. The growth factor acts through activation of specific cell-surface receptors leading to intracellular tyrosine phosphorylation cascade. Recombinant human aFGF was overexpressed in *E. coli* and purified by conventional chromatography. Recombinant Human FGF-acidic contains 141 amino acids.

Concentration: 1 mg/ml

Source: *E. coli*

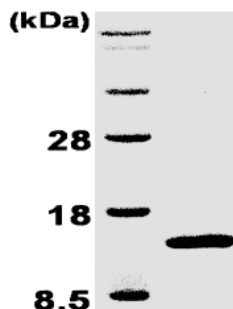
Molecular Weight: 15.9 kDa

Formulation: Liquid in 20 mM Tris HCl pH 7.0 + 100 mM NaCl

Purity: >95% by SDS PAGE

Amino Acid Sequence: MFNLPPGNYK KPKLLYCSNG GHFLRILPDG TVDGTRDRSD QHIQLQLSAE
SVGEVYIKST ETGQYLAMDT DGLLYGSQTP NEECLFLERL EENHYNTYIS
KKHAEKNWFV GLKKNNGSCKR GPRTHYGQKA ILFLPLPVSS D

Storage & Stability: Stable for 2 weeks at 2-4°C. For long term, aliquot and store below -20 °C. **Avoid repeated freeze-thaw cycles.**



15% SDS-PAGE (3µg)

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