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32-20089: Recombinant Rat FGF-acidic(Discontinued)

Reactivity : rat
Alternative Name : Fibroblast Growth Factor-acidic, FGF-1, HBGF-1, ECGF-beta

Description

Source:E.coliFGF-acidic is one of 23 known members of the FGF family. Â Proteins of this family play a central role during prenatal development, postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. Â FGF-acidic is a non-glycosylated heparin binding growth factor that is expressed in the brain, kidney, retina, smooth muscle cells, bone matrix, osteoblasts, astrocytes and endothelial cells. Â FGF-acidic has the ability to signal through all the FGF receptors. Â Recombinant Rat FGF-acidic is a 15.9 kDa protein consisting of 141 amino acid residues.

Product Info

Amount : 10 µg / 50 µg
Purification : Purity: >= 95% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : MFNLPLGNYK KPKLLYCSNG GHFLRILPDG TVDGTRDRSD QHIQLQLSAE SAGEVYIKGT ETGQYLAMDT EGLLYGSQTP NEECLFLERL EENHYNTYTS KKHAEKNWFV GLKKNGSCKR GPRTHYGQKA ILFLPLPVSS D

Application Note

Determined by a cell proliferation assay using Balb/c 3T3 cells. The expectedÃ□Â ED_{50}Ã□Â is <= 0.1 ng/ml in the presence of 10 Ã□Âµg/ml heparin, corresponding to a specific activity of >= 1 x 10^7units/mg.

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