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32-20091: Animal-Free Recombinant Human FGF-basic (154 a.a.)(Discontinued)

Reactivity : chicken, cow, dog, Frog, Hamster, horse, Human , Human + Hamster, Human + Mouse, Human + Virus, monkey, mouse, Pig, rabbit, rat, Rat + Chicken, Sheep

Alternative Name : Fibroblast Growth Factor-basic, FGF-2, HBGF-2, Prostatropin

Description

Source:E.coliFGF-basic is one of 23 known members of the FGF family. 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. FGF-basic is a non-glycosylated, heparin-binding growth factor that is expressed in the brain, pituitary, kidney, retina, bone, testis, adrenal gland, liver, monocytes, epithelial cells and endothelial cells. FGF-basic signals through FGFR 1b, 1c, 2c, 3c and 4. Recombinant Human FGF-basic is a 17.2 kDa protein consisting of 154 amino acid residues. Qualified for stem cell use.

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 : AAGSITTLPA LPEDGGSGAF PPGHFKDPKR LYCKNGGFFL RIHPDGRVDG VREKSDPHIK LQLQAEERGV VSIKGVCANR YLAMKEDGRL LASKCVTDEC FFFERLESNN YNTYRSRKYT SWYVALKRTG QYKLGSKTGP GQKAILFLPM SAKS

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, corresponding to a specific activity of >= 1 x 10^7units/mg.