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32-20112: Animal-Free Recombinant Human FGF-18(Discontinued)

Alternative Name : Fibroblast Growth Factor-18, zFGF5 , FGFI

Description

Source:E.coliFGF-18 is a heparin-binding growth factor that belongs to 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-18 is an essential regulator of long bone and calvarial development. FGF-18 signals through FGFR 1c, 2c, 3c, and 4. Recombinant Human FGF-18 derived from E.coli is a 20.1 kDa protein consisting of 173 amino acid residues, resulting from C-terminal truncation of the full length protein.

Product Info

Amount : 5 µg / 25 µg

Purification : Purity: >= 95% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : AEENVDFRIH VENQTRARDD VSRKQLRLYQ LYSRTSGKHI QVLGRRISAR GEDGDKYAQL LVETDTFGSQ VRIKGKETEF YLCMNRKGKL VGKPDGTSKE CVFIEKVLEN NYTALMSAKY SGWYVGFTKK GRPRKGPKTR ENQQDVHFMK RYPKGQPELQ KPFKYTTVTK RSR

Application Note

Determined by a cell proliferation assay using Balb/c 3T3 cells. The expectedÃ□Â ED_{50}Ã□Â is <= 10 ng/ml, corresponding to a specific activity of >= 1 x 10^5units/mg.

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