

32-20115: Recombinant Human FGF-20(Discontinued)

Reactivity : Human, Monkey, Mouse, Rat
Alternative Name : Fibroblast Growth Factor-20, FGFK

Description

Source: *E.coli* FGF-20 is a secreted, heparin-binding growth factor that is a member 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-20 signals through FGFR 2c and 3c, and is expressed during limb and brain development. Recombinant Human FGF-20 is a 23.2 kDa protein containing 209 amino acid residues.

Product Info

Amount : 3 µg / 15 µg

Purification : Purity: $\geq 90\%$ by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : PLAEVGGFLG GLEGLGQQVG SHFLLPPAGE RPPLLGERRS AAERSARGGP GAAQLAHLHG ILRRRQLYCR
TGFHLQILPD GSVQGTRQDH SLFGILEFIS VAVGLVSIRG VDSGLYLG MN DKGELYGSEK LTSECIFREQ
FEENWYNTYS SNIYKHGDTG RRYFVALNKD GTPRDGARSK RHQKFTHFLP RPVDPERVPE LYKDLLMYT

Application Note

Determined by a cell proliferation assay using Balb/c 3T3 cells. The expected ED_{50} is ≤ 5 ng/ml in the presence of $1 \mu\text{g/ml}$ heparin, corresponding to a specific activity of $\geq 2 \times 10^5$ units/mg.