

32-20098: Animal-Free Recombinant Human FGF-4(Discontinued)

Reactivity : Human , mouse, pig

Alternative Name : Fibroblast Growth Factor-4, HST-1, Transforming protein KS3, HBGF-4

Description

Source: **E.coli** FGF-4 is a 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-4 signals through the FGFR 1c, 2c, 3c, and 4. Recombinant Human FGF-4 is a 19.7 kDa protein consisting of 182 amino acid residues.

Product Info

Amount : 5 µg / 25 µg

Purification : Purity: $\geq 95\%$ by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : GRGGAAAPTA PNGTLEAELE RRWESLVALS LARLPVAAQP KEAAVQSGAG DYLLGIKRLR RLYCNVIGIGF
HLQALPDGRI GGAHADTRDS LLELSPVERG VVSIFGVASR FFVAMSSKGK LYGSPFFTDE CTFKEILLPN
NYNAYESYKY PGMFIALSKN GKTKKGNRVS PTMKVTHFLP RL

Application Note

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