

32-20101: Animal-Free Recombinant Human FGF-6(Discontinued)

Alternative Name : Fibroblast Growth Factor-6, HBGF-6, HST-2

Description

Source: **E.coli** FGF-6 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-6 is expressed in leukemia cell lines with platelet megakaryocytic differentiation potential. It signals through FGFR 1c, 2c, and 4. Recombinant Human FGF-6 is an 18.7 kDa protein consisting of 168 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 : GTRANNTLLD SRGWGTLLSR SRAGLAGEIA GVNWESGYLV GIKRQRRLYC NVGIGFHLQV LPDGRISGTH
EENPYSLLEI STVERGVVSL FGVSALFVA MNSKGRLYAT PSFQEECKFR ETLLPNNNYA YESDLYQGTY
IALSKYGRVK RGSKVSPIMT VTHFLPRI

Application Note

Determined by a cell proliferation assay using Balb/c 3T3 cells. The expected ED_{50} is ≤ 0.1 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^7$ units/mg.