

## 32-20100: Recombinant Human FGF-6(Discontinued)

**Reactivity :** Human

**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 FGVRSAFVA MNSKGRLYAT PSFQEECKFR ETLLPNNYNA YESDLYQGT  
IALSKYGRVK RGSKVSPIMT VTHFLPRI

### Application Note

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