

## 32-20103: Animal-Free Recombinant Human/Murine FGF-8b(Discontinued)

**Alternative Name :** Fibroblast Growth Factor-8, FGF-8b, AIGF, HBGF-8

### Description

**Source:** **E.coli** FGF-8 (FGF-8b) is a heparin-binding growth factor belonging 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. There are 4 known alternate spliced forms of FGF8; FGF-8A, FGF-8B, FGF-8E and FGF-8F. The human and murine FGF-8A and B are identical, unlike human and mouse FGF-8E and F, which are 98% identical. FGF-8 targets mammary carcinoma cells and other cells expressing the FGF receptors. Recombinant Human/Murine FGF-8 (FGF-8b) is a 22.5 kDa protein consisting of 194 amino acid residues.

### Product Info

**Amount :** 5 µg / 25 µg

**Purification :** Purity:  $\geq 97\%$  by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** MQVTVQSSPN FTQHVREQSL VTDQLSRRLI RTYQLYSRTS GKHVQVLANK RINAMAEDGD PFAKLIVETD  
TFGSRVRVRG AETGLYICMN KKGKLIKSN GKGKDCVFTE IVLENNYTAL QNAKYEGWYM AFTRKGRPRK  
GSKTRQHQRV VHFMRKRLPRG HHTTEQSLRF EFLNYPPFTR SLRGSQRTWA PEPR

### Application Note

Determined by a cell proliferation assay using balb/c 3T3 cells. The expected  $ED_{50}$  for this effect is 2.0-4.0 ng/ml.