

### 32-20113: Recombinant Human FGF-19(Discontinued)

**Reactivity :** Chicken, Human, Mouse  
**Alternative Name :** Fibroblast Growth Factor-19, FGFJ

#### Description

**Source:** **E.coli** The FGF family plays central roles during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-19, a member of the FGF family, is a high-affinity heparin-dependent ligand for FGFR4. FGF-19 is expressed during brain development and embryogenesis. Recombinant Human FGF-19 is a 21.8 kDa protein containing 195 amino acid residues.

#### Product Info

**Amount :** 5 µg / 25 µg  
**Purification :** Purity: >= 95% by SDS-PAGE gel and HPLC analyses.  
**Content :** This recombinant protein is supplied in lyophilized form.  
**Amino Acid :** MRPLAFSDAG PHVHYGWGDP IRLRHLYTSG PHGLSSCFLLR IRADGVVDCA RGQSAHSLLK IKAVALRTVA  
IKGVHVSRYL CMGADGKMQG LLQYSEEDCA FEEIIRPDGY NVYRSEKHRL PVSLSSAKQR QLYKNRGFLP  
LSHFLPMLPM VPEEPEDLRG HLESDFMFSSP LETDSMDPFG LVTGLEAVRS PSFEK

#### Application Note

Determined by a cell proliferation assay using balb/c 3T3 cells. The expected  $ED_{50}$  for this effect is 100-150 ng/ml.