

### 32-20114: Animal-Free Recombinant Human FGF-19(Discontinued)

**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 PHGLSSCFLR IRADGVVDCA RGQSAHSLLE  
IKAVALRTVA IKGVHSVRYL CMGADGKMQG LLQYSEEDCA FEEEIRPDGY NVYRSEKHRL  
PVSLSSAKQR QLYKNRGFLP LSHFLPMLPM VPEEPEDLRG HLESDMFSSP 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.