

## 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:  $\geq 95\%$  by SDS-PAGE gel and HPLC analyses.

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

**Amino Acid :** MRPLAFSDAG PHVHYGWGDP IRLRHLYTSG PHGLSSCF LR IRADGVVDCA RGQSAHSLLE IKAVALRTVA  
IKGVH SVRYL CMGADGKMQG LLQYSEEDCA FEEI RPDGY NVYRSEKHRL PVSLSAKQR QLYKNRGFLP  
LSHFLPMLPM VPEEPEDLRG HLES DMFSSP 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.