

## 32-20109: Recombinant Human FGF-16(Discontinued)

**Reactivity :** Mouse, Rat

**Alternative Name :** Fibroblast Growth Factor-16, FGFG

### Description

**Source:** **E.coli** FGF-16 is a 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-16 signals through FGFR 2c and 3c. FGF-16 plays a role in the development of the central nervous system. Recombinant Human FGF-16 is a 23.6 kDa protein consisting of 206 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 :** AEVGGVFASL DWDLHGFSSS LGNVPLADSP GFLNERLGQI EGKLQSGSPT DFAHLKGILR RRQLYCRTGF  
HLEIFPNGTV HGTRHDHSRF GILEFISLAV GLISIRGVDS GLYLG MNERG ELYGSKKLTR ECVFREQFEE  
NWYNTYASTL YKHSDSERQY YVALNKDGSP REGYRTKRHQ KFTHFLPRPV DPSKLPMSR DLFHYR

### Application Note

Determined by a cell proliferation assay using Balb/c 3T3 cells. The expected  $ED_{50}$  is  $\leq 10$  ng/ml, corresponding to a specific activity of  $\geq 1 \times 10^5$  units/mg.