

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 EGKLQRGSPT DFAHLKGILR RRQLYCRTGF
HLEIFPNGTV HGTRHDHSRF GILEFISLAV GLISIRGVDS GLYLGMMNERG ELYGSKKLTR ECVFREQFEE
NWyNTyASTL YKHSDSERQY YVALNKDGSP REGYRTKRHQ KFTHFLPRPV DPSKLPSMSR DLFHYR

Application Note

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