

**Recombinant Mouse Fibroblast Growth Factor 1/FGF-1/FGFa (Phe16-Asp155)Protein**

**Cat.NO.: TP04641**

3th Edition

**Synonyms:**Fibroblast Growth Factor 1; FGF-1; Acidic Fibroblast Growth Factor; aFGF; Heparin-Binding Growth Factor 1; HBGF-1; Fgf1; Fgf-1; Fgfa

**Description:**FGF acidic is a 17 kDa nonglycosylated member of the FGF family of mitogenic peptides. FGF acidic, which is produced by multiple cell types, stimulates the proliferation of all cells of mesodermal origin and many cells of neuroectodermal, ectodermal, and endodermal origin. It plays a number of roles in development, regeneration, and angiogenesis. FGF-acidic is a non-glycosylated heparin binding growth factor that is expressed in the brain, kidney, retina, smooth muscle cells, bone matrix, osteoblasts, astrocytes and endothelial cells. FGF-acidic has the ability to signal through all the FGF receptors.

**Form:**PBS

**Molecular Weight:**15.7 kDa

**Sequences:**Phe16-Asp155

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.