

**Recombinant Human Fibroblast Growth Factor 2/FGF-2/FGFb (Met134-Ser288) Protein**

**Cat.NO.: TP06094**

3th Edition

**Synonyms:**Fibroblast growth factor 2;FGF-2;Basic fibroblast growth factor;Bfgf;Heparin-binding growth factor 2;HBGF-2;FGF2;FGFB

**Description:**Fibroblast growth factor 2(FGF2) is a secreted protein and belongs to the heparin-binding growth factors family. FGF2 is produced by epithelial, tumor and other cell types. It involved in developmental processes and regulates differentiation, proliferation, and migration, FGF2 is a critical factor for growing embryonic stem cells in culture without inducing differentiation. FGF2 has a high affinity for heparan sulfate and binding is a step in the FGF basic activation of FGFR tyrosine kinase.

**Form:**PBS

**Molecular Weight:**17.2 kDa

**Sequences:**Met 134-Ser288

**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.