

FGF2, 143-288aa, Human, Recombinant, E.coli

Cat.NO.: TP02120

3th Edition

Synonyms:Fibroblast growth factor 2, BFGF, FGFB, HBGF-2.

Description:Fibroblast growth factor 2 (FGF2) is a member of the FGF family that binds heparin and plays important roles in morphogenic, neurotrophic and angiogenic processes. FGF2 possess diverse biological functions, such as neuron differentiation, embryonic development and differentiation, modulation of angiogenesis, and wound healing. Recombinant human FGF2 was expressed in E.coli and purified by conventional chromatography techniques.

Form:Liquid. In 50 mM Tris-HCl buffer (pH 8.0)

Molecular Weight:16.5kDa (147aa), confirmed by MALDI-TOF

Sequences:

MPALPEDGGSGAFPPGHFKDPKRLYCKNGGFFLRIHPDGRVDGVREKSDPHIKLQLQAEERGVSISIKGVCANRYL
AMKEDGRLLASKCVTDECFFFERLESNNYNTYRSRKYTSWYVALKRTGQYKLGSKTGPGQKAILFLPMSAKS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

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.