
Recombinant human bFGF/FGF2 protein (Active, HEK293)

Catalog Number: bs-48028P

Concentration: >0.5 mg/ml

AA Seq: 1-154/154

Detected MW: 17 kDa

Tags: Tag free

Activity: Yes

Endotoxin: <0.5 EU/μg as determined by LAL.

Purity: >95% as determined by SDS-PAGE

Purification: AC

Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -80°C under sterile conditions after reconstitution.

Background: FGF basic is a non-glycosylated heparin binding growth factor that belongs to the fibroblast growth factor family. FGF basic is expressed in the brain, pituitary, kidney, retina, bone, testis, adrenal gland, liver, monocytes, epithelial cells and endothelial cells. The recombinant human FGFbasic is a 17 kDa protein consisting of 154 amino acid residues. FGFbasic signals through FGFR 1b, 1c, 2c, 3c and 4. FGF basic may participate in the production of a variety of pathological conditions resulting from excessive cell proliferation and excessive angiogenesis. FGF basic plays an important role in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. It also functions as potent mitogen in vitro.