

Product Datasheet

Product Name: bFGF(basic Fibroblast Growth Factor)

Product No.: GF-b-1

Batch No.: 080702

Quantity: 882mg

Discription: Recombinant,soluble expressed in *E.coli*,with the specific activity of natural bFGF, cell culture tested.

Reference:

Xu hua, Li Xiaokun. *Acta Phamaceutical Sinica* 2002,37(6):424-427.

Protein information: Recombinant Human basic Fibroblast Growth Factor (bFGF) is one of the FGF family members, which stimulates the proliferation of a wide variety of cells including mesenchymal, neuroectodermal and endothelial cells. bFGF is a single, non-glycosylated polypeptide chain of 16.65kDa containing 147 amino acid residues.

Volume: 450ml

Protien concentration: 1.94mg/ml

Specific activity: 2.0×10^5 IU/mg

Purity (SDS-PAGE): 98.5%

Molecular weight: 17.0Kda

Activity of residual antibiotics: Must not contain any residual activities of ampicillin or other antibiotics.

Sterility test: Should be sterile.

Buffer: 1.2M NaCl/20mM phosphate buffer pH7.0

Storage: 3 months at 2~8 °C or 2 years at -20 °C

