



## Product Information: human bFGF recombinant

### 1. Introduction

FGF basic (bFGF) is a member of the FGF family of cytokines and is involved in a wide range of biological processes including proliferation of many type of cells, neuron differentiation and maintenance of pluripotent state. bFGF is mainly used for stem cell cultivation in order to expand pluripotent stem cells or mesenchymal stem cells. Human bFGF recombinant is a 17.1 kDa, containing 154 amino acid residues.

Source: *Corynebacterium glutamicum*

Amino Acids Sequence:

AAGSITTLPA LPEDGGSGAF PPGHFKDPKR LYCKNGGFFL RIHPDGRVDG  
VREKSDPHIK LQLQAEERGV VSIKGVCANR YLAMKEDGRL LASKCVTDEC  
FFFERLESNN YNTYRSRKYT SWYVALKRTG QYKLGSKTGP GQKAILFLPM  
SAKS

### 2. Materials Provided

Component	Size	Storage
Human bFGF recombinant (0.3 mg/ml)	1 mg	Store at -80°C

### 3. Preparation for Use

Human bFGF recombinant is provided frozen and can be stored at -80°C until use. Before use, this frozen product should be thawed on ice. Avoid repeated freeze-thaw cycles. As a general guide, if product is dispensed after the first thawing, do not store the aliquots at -80°C for more than 4 years from the manufacturing date.

### 4. Precaution and Disclaimer

Human bFGF recombinant is for research use only and is not for diagnostic use, therapeutic use (including clinical research). The product is dissolved in PBS buffer containing 1 mM DTT.

For Research Use Only. Not Intended For Human or Animal Diagnostic or Therapeutic Uses

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