

PRODUCT INFORMATION

Fibroblast Growth Factor basic, human, recombinant (rhFGF-basic)

- **Catalog Number** PGR115
- **Source** The cDNA sequence of mature human basic FGF was expressed in *E. coli*.
- **Molecular Mass** The recombinant human basic FGF contains 155 amino acid residues and the basic FGF has a molecular mass of approximately 17 kDa in SDS-PAGE under reducing condition.
- **Purity** > 97%, as determined by SDS-PAGE and visualized by silver stain.
- **Endotoxin Level** < 1.0 EU per 1 μg of the recombinant basic FGF as determined by the LAL method.
- **Biological Activity** The biological activity of PanGen's recombinant human bFGF was measured in a cell proliferation assay using cell proliferation in the bFGF responsive NIH3T3 cells expressing FGF receptors.
The ED₅₀ for this effect is <0.8 ng/mL.
- **Formulation** The sterile filtered solution in 20 mM sodium citrate, 1 mM EDTA , pH5.0 containing 50 μg of bovine serum albumin per 1 μg of cytokine.
(Bovine serum albumin free rhFGF-basic is also available.)
- **Storage** This cytokine can be stored under sterile conditions at 4°C for two months or at -70°C for six months without detectable loss of activity.
Avoid repeated freeze-thaw cycles.

For research use only. Not for use in Humans