



*Recombinant Human FGF Basic*  
**rHuFGF basic**

Catalog number: HZ-6505

Lot: CHI-121407

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*Specifications and Use*

- Source** ● *Escherichia coli*.
- Molecular Mass** ● Approximately 17kDa.
- Purity** ● >95%, as determined by SDS-PAGE and HPLC method.
- Biological Activity** ● Determined by its ability to stimulate proliferation of NR6R-3T3 fibroblasts. The ED<sub>50</sub> is typically 0.1-0.6 ng/mL.
- Endotoxin Level** ● Less than 1EU/μg of the rHuFGF as determined by LAL method.
- Formulation** ● Lyophilized from 20 mM Tris-HCL, 0.01 mM DTT, pH7.0.
- Solubility** ● It is recommended to reconstitute the lyophilized FGF basic in sterile ddH<sub>2</sub>O not less than 100μg/mL.
- Stability** ● Lyophilized samples are stable for greater than six months from date of receipt at -20°C to -70°C.  
● Upon reconstitution, this cytokine can be stored under sterile conditions at 4°C for up to one month without detectable loss of activity.  
● Avoid repeated freeze/thaw.
- Usage** ● FOR RESEARCH USE ONLY. NOT FOR HUMAN USE.

***Human Fibroblast Growth Factor-basic***

FGF-basic is one of 23 known members of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation.