

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: Fibroblast Growth Factor-basic (FGF-basic), Human

Cat. No.: Z03116-10; Z03116-50; Z03116-1

Lot No.: P50031706

Size: 10 µg/vial; 50 µg/vial; 1 mg/vial

Storage Condition: Lyophilized recombinant human Fibroblast Growth Factor-basic (rhFGF-basic) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhFGF-basic remains stable up to 2 weeks at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

### Quality Control

| Test Items                              | Specifications            | Results    |
|---|---------------------------|------------|
| Physical Appearance                     | White Freeze-dried Powder | Conformed  |
| Purity (SDS-PAGE)                       | > 95%                     | 95.8%      |
| Biological Activity (ED <sub>50</sub> ) | < 0.25 ng/mL              | 0.19 ng/mL |
| Molecular Weight                        | 17.1 kDa                  | Conformed  |
| Bacterial Endotoxin                     | < 0.2 EU/µg               | 0.07EU/µg  |

### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: Joe Wang Date: 06/20/2017  
Protein Products Department