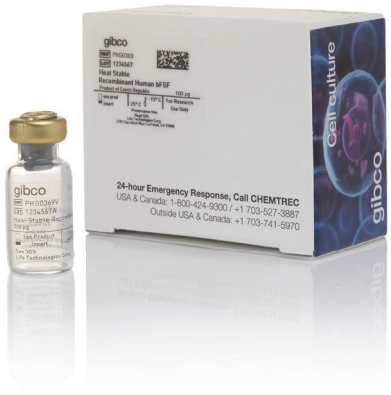
gibco

Gibco Heat Stable Recombinant Human bFGF

Engineered for greater stability and efficiency



Gibco™ Heat Stable Recombinant Human Basic Fibroblast Growth Factor (bFGF) has been engineered for greater stability in cell culture conditions, **sustaining ≥80% activity at 37°C for at least 72 hours**, whereas native bFGF is highly unstable under normal cell culture conditions with a half-life of <8 hours. Because Heat Stable bFGF is bioactive longer than native bFGF in standard cell culture conditions, researchers may be able to use less to maintain the same growth rates, thereby improving the efficiency of their cell culture applications.

- **Superior performance**—retains bioactivity without the use of artificially high concentrations
- **Improved efficiency**—the stable bioactivity means you won't have to supplement with additional bFGF (a necessary step when using native bFGF), helping you save on the cost of bFGF reagent over the long term
- **Easy to use**—directly replaces your current bFGF, allowing for easy substitution in protocols
- **Advancement without compromise**—>90% sequence homology to native bFGF, leaving heparin and FGF receptor binding sites untouched

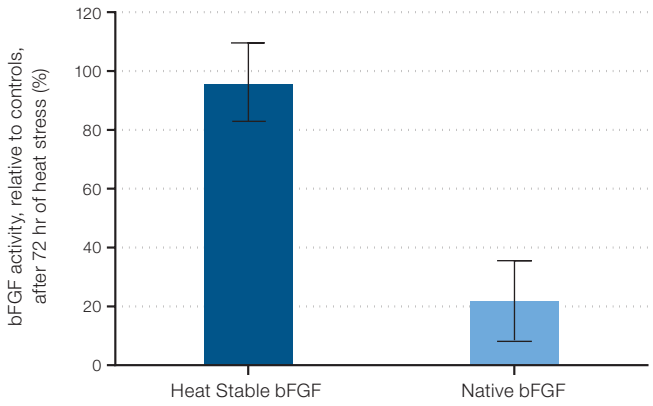


Figure 1. Heat Stable bFGF demonstrates greater activity after 72 hours of heat stress than the native protein. The heat-stressed native and Heat Stable bFGF solutions (10 ng/mL) were stored at 37°C for 72 hours before being used to treat Balb/3T3 cells. Activity was measured with an Invitrogen™ PrestoBlue™ assay of the dose-dependent Balb/3T3 response to an overnight treatment with bFGF.

Ordering information

Product	Size	Cat. No.
Heat Stable Recombinant Human bFGF	5 µg	PHG0367
	50 µg	PHG0368
	100 µg	PHG0369
	500 µg	PHG0360

Want consistent bFGF levels?
Go to **thermofisher.com/heatstablebfgf**

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