

## **HumanKine(R) Thermostable bFGF, Human Recombinant**

Art. ID	SAF-GF446-MG
Unit	EA
Delivery details	No Dangerous Good

### **Description**

Product Source: HumanKine growth factors are expressed in a proprietary human 293 protein expression system and are manufactured without the use of any animal products and are considered Xeno-Free., The HumanKine Thermostable bFGF is engineered with enhanced thermostability compared to the wild-type bFGF protein without modification of biological function. Fibroblast Growth Factor-basic (bFGF) is a heparin binding growth factor which stimulates the proliferation of a wide variety of cells including mesenchymal, neuroectodermal and endothelial cells. bFGF also exerts a potent angiogenic activity in vivo. Human bFGF is a 17.2 kDa protein containing 154 amino acid residues. bFGF synergizes with the BMP antagonist noggin to sustain undifferentiated proliferation of human embryonic stem (hES) cells under feeder-free conditions.