

## Product datasheet

### Basic Fibroblast Growth Factor (FGF2), human recombinant, 1 mg

#### Short overview

<b>Cat. No.</b>	63107
<b>Quantity</b>	1 mg

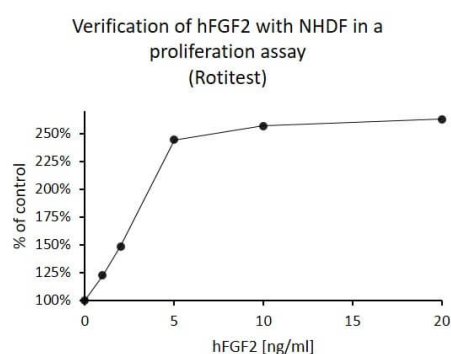
#### Product description

<b>Source</b>	Human recombinant, produced in E. coli
<b>Molecular Weight</b>	18 kDa
<b>Purity</b>	> 98% (determined by SDS gelelectrophoresis)
<b>Reconstitution</b>	Reconstitute in 2 ml dist. water, resulting in a final bFGF concentration of 0.5 mg/ml PBS. Dilute further in PBS as required.
<b>Application</b>	Characterized growth factor additive in cell culture media for mesoderm and neuroectoderm-derived cells
<b>UniprotID</b>	P09038 (Human)
<b>Synonym</b>	hbFGF
<b>Purification</b>	Ion exchange chromatography
<b>Storage</b>	Lyophilized at 2-8°C; reconstituted at -20°C (avoid freeze/thaw cycles)
<b>Intended use</b>	Research use only

#### Background

Recombinant human basic Fibroblast Growth Factor (hbFGF). Growth factor additive in cell culture media for mesoderm and neuroectoderm-derived cells. Biological Activity: < 5 ng/ml for half maximum stimulation of cell proliferation with NHDF cells. Biological Test System: Cell proliferation assay with NHDF cells.

#### Product images



hFGF2-induced proliferation in NHDF cells

References

Publication	Species	Application
<a href="#">Boehnke, K. et al. Effects of fibroblasts and microenvironment on epidermal regeneration and tissue function in long-term skin equivalents. Eur. J. Cell Biol. 86, 731â€“746 (2007).</a>		