

Product datasheet

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

Short overview

Cat. No.	63107
Quantity	1 mg

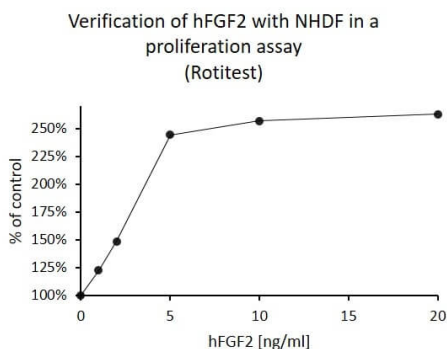
Product description

Source	Human recombinant, produced in E. coli
Molecular Weight	18 kDa
Purity	> 98% (determined by SDS gelelectrophoresis)
Reconstitution	Reconstitute in 2 ml dist. water, resulting in a final bFGF concentration of 0.5 mg/ml PBS. Dilute further in PBS as required.
Application	Characterized growth factor additive in cell culture media for mesoderm and neuroectoderm-derived cells
UniprotID	P09038 (Human)
Synonym	hbFGF
Purification	Ion exchange chromatography
Storage	Lyophilized at 2-8°C; reconstituted at -20°C (avoid freeze/thaw cycles)
Intended use	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
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, 731–746 (2007).		