Product datasheet

Basic Fibroblast Growth Factor (FGF2), human recombinant, 500 µg

Short overview

Cat. No.	63307
Quantity	500 µg

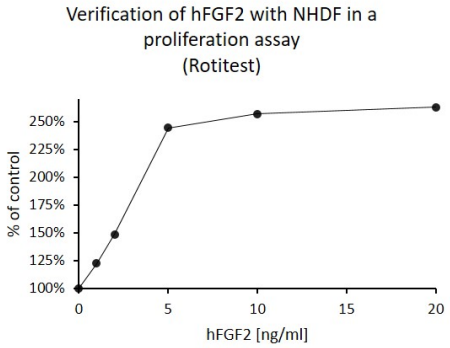
Product description

Source	Human recombinant, produced in E. coli
Molecular Weight	18 kDa
Purity	> 98% (determined by SDS gelelectrophoresis)
Reconstitution	Reconstitute in 1 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)
Synomym	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, 731â€“746 (2007).		