

## Product datasheet

### Basic Fibroblast Growth Factor, bovine, 50 µg

#### Short overview

<b>Cat. No.</b>	63005
<b>Quantity</b>	50 µg

#### Product description

<b>Formulation</b>	Lyophilized from 50 mM ammonium formate, pH 7.5
<b>Source</b>	Bovine recombinant, produced in E. coli
<b>Molecular Weight</b>	18 kDa (146 aa)
<b>Purity</b>	> 95%; sterile
<b>Reconstitution</b>	Reconstitute in 100 µl dist. water, dilute further in PBS as required
<b>Application</b>	Characterized growth factor additive in cell culture media for mesoderm and neuroectoderm-derived cells
<b>Synonym</b>	FGF
<b>Purification</b>	Heparin affinity 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 bovine basic Fibroblast Growth Factor (bbFGF). Growth factor additive in cell culture media for mesoderm and neuroectoderm-derived cells. Biological activity: < 1 ng/ml for half maximum stimulation of cell proliferation with bovine aortic endothelial cells (BAE cells) Biological Test System: - Cell proliferation assay with BAE cell  
- Rabbit cornea in vivo assay

#### Product images



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