

Recombinant Human Fibroblast Growth Factor-basic (FGF-b or FGF-2)

Catalog No.:	EB06342
Quantity:	0.1 mg
Source:	E. coli
Format:	Purity: Greater than 95% by SDS-PAGE and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/ug) of FGF-basic. Reconstitution: Sterile filtered and lyophilised from a solution of 5 mM Tris pH 7.6 and 150 mM NaCl. FGF-b is sensitive to acidic conditions. For best stability, the lyophilized FGF-basic should be reconstituted in 5 mM Tris 7.6 to a concentration of 1 mg/ml. The FGF-b solution can be diluted into other buffered solutions. For most in vitro applications, FGF-b exerts its biological activity in the concentration range of 0.1 to 10.0 ng/ml.
Description:	Biological activity: Human FGF-basic is fully biologically active when compared to standards. The ED50 as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors is < 1.4 ng/ml, corresponding to a specific activity of > 7.1 x 10 ⁵ units/mg. Fibroblast Growth Factor-basic (FGF-b or FGF-2) is a heparin binding growth factor which stimulates the proliferation of a wide variety of cells including mesenchymal, neuroectodermal and endothelial cells. FGF-b also exerts a potent angiogenic activity in vivo. Human FGF-b is a 17.2 kDa protein containing 155 amino acid residues.
Storage:	Store the lyophilised product below 0°C. Store reconstituted products in aliquots at 4°C. Avoid repeated freezing and thawing.

PA055X/RWM0600

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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