

Bovine FGF-acidic / FGF-1

Synonyms: HBGF-1, ECGF-beta, FIBP, FGFIBP, FIBP-1, ECGF, ECGFA, GLIO703, FGF1, FGF-a.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
1 µg	1360.919.001		
5 µg	1360.919.005		
100 µg	1360.919.100		

Please enquire for bulk quantities and other vial sizes

Description

Fibroblast Growth Factor-acidic Bovine (FGF-1) purified from Bovine Brain contains a 17 kDa and a 20 kDa polypeptide chain. The 17 kDa peptide is derived from the 20K peptide by restricted proteolysis.

- **Source** Bovine Brain
- **Purity** ≥ 90 %.
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Each 5µg aFGF were lyophilized from 0.5ml solution containing 1mM sodium phosphate, pH 7 after filtration over a low binding membrane*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

Stimulates growth of bovine capillary endothelial cells by 3-5 fold over 5% calf serum at 10-25ng/ml FGF.

Reconstitution

It is recommended to reconstitute the lyophilized aFGF in sterile 50mM Na₂HPO₄ pH-7, and 0.5% albumin. The Recommended concentration in cell culture: 1-20ng/ml.

Stability

Lyophilized aFGF although stable at room temperature for 2 weeks, should be stored desiccated below -18°C. Upon reconstitution aFGF should be stored at 4°C between 2-3 weeks and for future use below -18°C. **Please avoid repeated freeze-thaw cycles.**

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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