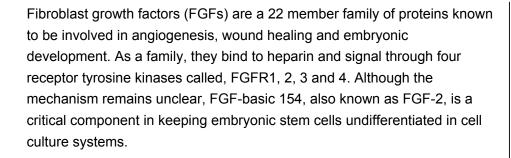
## FGF-basic 154 (human), (recombinant)



**Ordering Information** 

Order Online »

ALX-201-823-0010	10µg
ALX-201-823-0050	50µg
ALX-201-823-0100	100µg

Manuals, SDS & CofA

View Online »

· Carrier-free

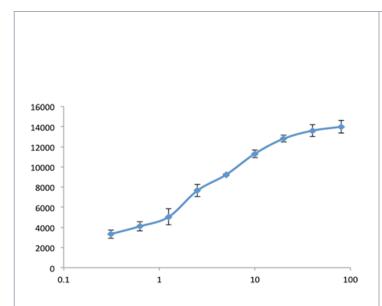


Figure 1: Serial dilutions of Human FGF Basic 154, starting at 80 ng/mL, were added to NIH 3T3 cells. Cell proliferation was measured after 48 hours and the linear portion of the curve can be used to calculate the ED50.

## **Handling & Storage**

**Use/Stability** It is recommended that a carrier protein (0.1% HSA or BSA) is added for long term

storage.

**Handling** Centrifuge the vial before opening the cap. After reconstitution, prepare aliquots and

store at -20°C.

Long Term Storage -20°C

**Shipping** Ambient Temperature

## Regulatory Status RUO - Research Use Only

## **Product Details**

Alternative Name FGF2, HBGF-2, Prostatropin

**Appearance** White lyophilized (freeze-dried) powder.

**Biological Activity** The activity is determined by the dose-dependent proliferation of mouse BALB/c 3T3

cells which is typically observed at concentations <1ng/ml.

Endotoxin Content ≤1 EU/µg protein measured by kinetic LAL analysis.

**Formulation** Lyophilized from 10mM sodium phosphate, 75mM NaCl, pH 7.5. Sterile filtered.

**MW** ~17.2kDa

**Purity** ≥95% (Reducing and Non-reducing SDS-PAGE)

**Reconstitution** When reconstituting the product, gently pipet and wash down the sides of the vial to

ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml, which can be

further diluted into other aqueous solutions.

**Source** Produced in *E. coli*. Non-glycosylated protein, containing 154 amino acids.

UniProt ID P09038 + 7 aa of propeptide



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