

Human FGF1 protein (active)

Cat. No. GTX29592-pro

Applications	Functional Assay
Species	Human

Package

50 µg

PRODUCT

Summary

Fibroblast Growth Factor-acidic Human Recombinant (FGF-1) produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 140 amino acids and having a molecular mass of approximately 15.8 kDa.

Applications

Application Note

The ED₅₀ is calculated by the dose-dependant proliferation of mouse BALB/c 3T3 cells is < 0.5 ng/ml, corresponding to a specific activity of > 2,000,000 IU/mg.

Properties

Form	Lyophilized powder
Buffer	Reconstitute with ddH ₂ O at 4°C to 0.1-0.25mg/ml. Lyophilized from PBS (pH7.4).
Preservative	No preservatives
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.
Region/Sequence	MFNLPPGNYK KPKLLYCSNG GHFLRILPDG TVDGTDRDSD QHIQLQLSAE SVGEVYIKST ETGQYLAMDT DGLLYGSQTP NEECLFLERL EENHYNTYIS KKHAENWVWV GLKKNNGSCKR GPRTHYGQKA ILFLPLPVSS D.
Expression System	E. coli
Purity	> 98% by SDS-PAGE and HPLC.
Endotoxin	< 1 EU/µg
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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