

Human FGF1 protein (active)

Cat. No. GTX48453-pro

Applications	Functional Assay
Species	Human

Package
50 µg

Applications

Application Note

Assay #1: The ED₅₀ was determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors is ≤ 10 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^5$ units/mg. Assay #2: The ED₅₀ was determined by a cell proliferation assay using balb/c 3T3 cells is ≤ 0.5 ng/ml in the presence of 10 µg/ml heparin, corresponding to a specific activity of $\geq 2 \times 10^6$ units/mg.

Properties

Form	Lyophilized powder
Buffer	Batch dependent (please contact us for details)
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.
Region/Sequence	MFNLPPGNYK KPKLLYCSNG GHFLRLPDG TVDGTDRSD QHIQLQLSAE SVGEVYIKST ETGQYLAMDT DGLLYGSQTP NEECLFLERL EENHYNTYIS KKHAENWFV GLKKNKGCKR GPRTHYGQKA ILFLPLPVSS D
Expression System	E. coli
Purity	> 95% by SDS-PAGE and HPLC.
Endotoxin	< 1 EU/µg
Conjugation	Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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