

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**

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