

# Human FGF1 protein (active)

**Cat. No. GTX48453-pro**

**Applications** Functional Assay

**Species** Human

**Package**

50 µg

## Applications

### Application Note

Assay #1: The ED<sub>50</sub> was determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors is  $\leq 10$  ng/ml, corresponding to a specific activity of  $\geq 1 \times 10^5$  units/mg. Assay #2: The ED<sub>50</sub> was determined by a cell proliferation assay using balb/c 3T3 cells is  $\leq 0.5$  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 GLKKNKGSKR 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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