

# Human FGF21 protein (active)

**Cat. No. GTX03647-pro**

<b>Applications</b>	Functional Assay
<b>Species</b>	Human

**Package**  
25 µg

## Applications

### Application Note

The ED<sub>50</sub> was determined by thymidine uptake assay using FGF-receptors transfected BaF3 cells is less than 0.5 µg/ml, corresponding to a specific activity of  $> 2.0 \times 10^3$  IU/mg in the presence of 5µg/ml of recombinant Mouse Klotho-β protein and 10µg/ml of heparin.

## Properties

<b>Form</b>	Lyophilized powder
<b>Buffer</b>	Reconstitute with ddH <sub>2</sub> O but not less than 100 µg/ml. Lyophilized from PBS pH 7.4.
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store at -20°C or below. After reconstitution, keep as concentrated solution. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, we recommend adding add a carrier protein (0.1% HSA or BSA), then aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Region/Sequence</b>	No tagged; 29-209aa (NCBI #AAH18404)
<b>Expression System</b>	E. coli
<b>Purification</b>	Purified by proprietary chromatographic techniques
<b>Purity</b>	> 96 % by SDS-PAGE and RP-HPLC
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.  Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).