

Human FGF21 protein (active)

Cat. No. GTX03647-pro

Applications	Functional Assay	Package
Species	Human	25 µg

Applications

Application Note

The ED₅₀ 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

Form	Lyophilized powder
Buffer	Reconstitute with ddH ₂ O but not less than 100 µg/ml. Lyophilized from PBS pH 7.4.
Preservative	No preservatives
Storage	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 a carrier protein (0.1% HSA or BSA), then aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Region/Sequence	No tagged; 29-209aa (NCBI #AAH18404)
Expression System	E. coli
Purification	Purified by proprietary chromatographic techniques
Purity	> 96 % by SDS-PAGE and RP-HPLC
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.
	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.



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