


Human FGF-20 Protein, His tag (Animal-Free)

Cat #: PRP1924

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human FGF-20 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1924	LOT	Lot Number: Refer to product label
	Purity: > 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: Fibroblast growth factor 20 (FGF-20) is a member of FGF gene family, which currently has 22 members. Based on its structure, it is further classified as a member of FGF-9 subfamily. FGF-20 is known to bind to heparin. There are no reports of alternative splicing forms. However, it is known that there are three kinds of amino acid polymorphisms, and the single nucleotide polymorphism in the non-coding region that may affect the expression has a strong correlation with the risk of developing Parkinson's disease.

Sequence: Amino acid sequence derived from Human FGF-20 (Pro3-Ile211) (Q9NP95) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human FGF-20 consists of 209 amino acids and predicts a molecular mass of 24.24 kDa.

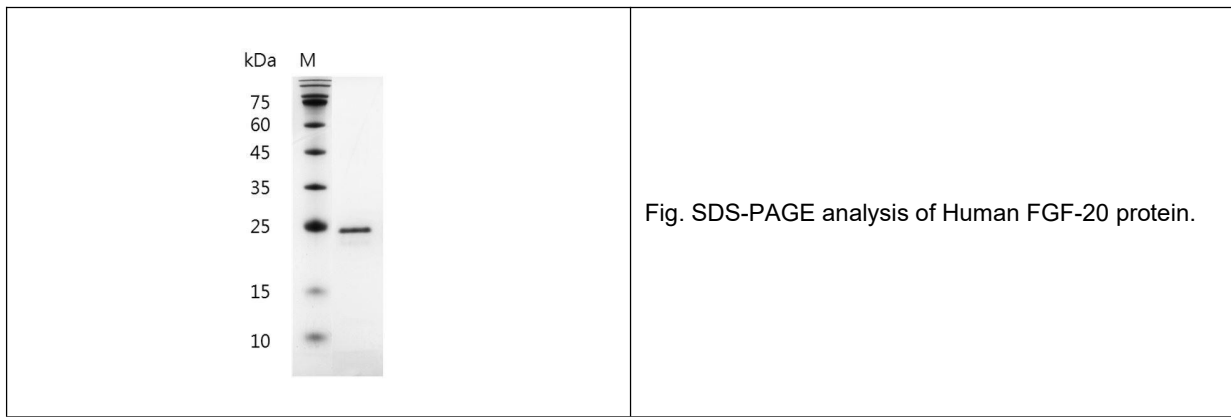
Biological Activity: Measure by its ability to induce 3T3 cells proliferation. The ED₅₀ for this effect is 1.3-3.2 ng/mL.

Endotoxin: <0.1 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from PBS, pH 8.0.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA, 10% FBS or 0.1% BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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