

Human FGF-6 Protein, His tag (Animal-Free)

Cat #: PRP1026

Size: 10 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human FGF-6 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1026	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 Factors-6 (FGF-6) is a member of the fibroblast Growth Factors. FGF-6 is an important role in the regulation of cell proliferation, cell differentiation, angiogenesis and myogenesis. In physiological function, FGF6 is required for normal muscle regeneration.

Sequence: Amino acid sequence derived from Human FGF-6 (Gly41-Ile208) (P10767) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human FGF-6 consists of 168 amino acids and predicts a molecular mass of 19.66 kDa.

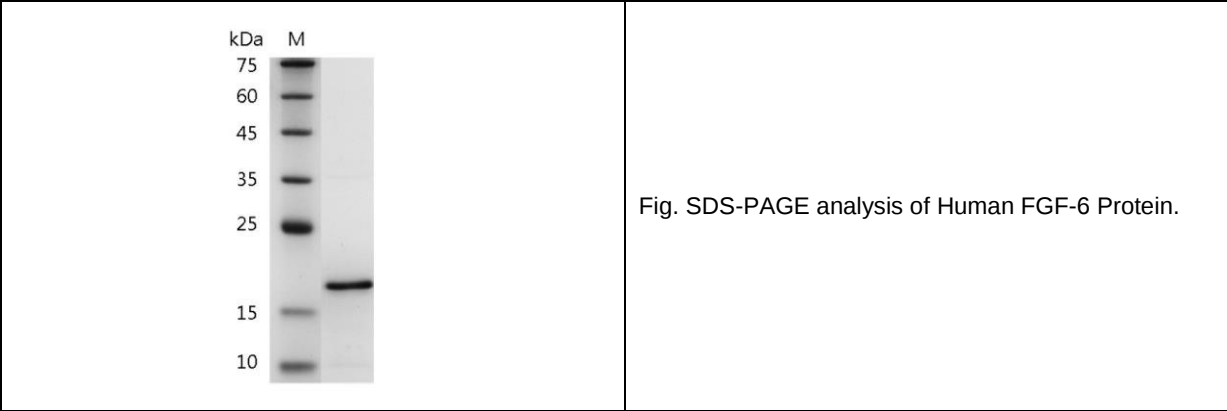
Biological Activity: Measured by its ability to induce 3T3 cells proliferation. The ED₅₀ for this effect is <0.1 ng/mL.

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

Formulation: Lyophilized from sterile solution containing 20 mM sodium citrate, 0.2 M NaCl, pH 3.5.

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, 0.1%BSA or 5% trehalose solution). 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 sterile H₂O, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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