


Human GDF7 Protein, His tag

Cat #: PRP1230

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human GDF7 Protein, His tag		
REF	Catalog Number: PRP1230	LOT	Lot Number: Refer to product label
	Purity: > 95 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: GDF-7 belongs to the TGF-β superfamily of growth and differentiation factors. It is expressed selectively by roof plate cells that are located in the developing embryonic central nervous system, and has been shown to influence the neuronal identity of cells within the central nervous system. GDF-7 has also been implicated in the formation, maintenance, and repair of certain cartilage and ligament tissues.

Sequence: Amino acid sequence derived from Human GDF7 (Thr322-Arg450) (Q7Z4P5) was expressed.

Protein length: The recombinant Human GDF7 Protein consists of 129 amino acids and predicts a molecular mass of 14.2 kDa. After fusion TrxA, it predicts a molecular mass of 33.8 kDa.

Biological Activity: Testing in Progress.

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

Formulation: Lyophilized from sterile PBS, pH7.5.

Storage Instructions: Lyophilized protein product should be stored desiccated below -20°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized protein using the buffer we provided not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

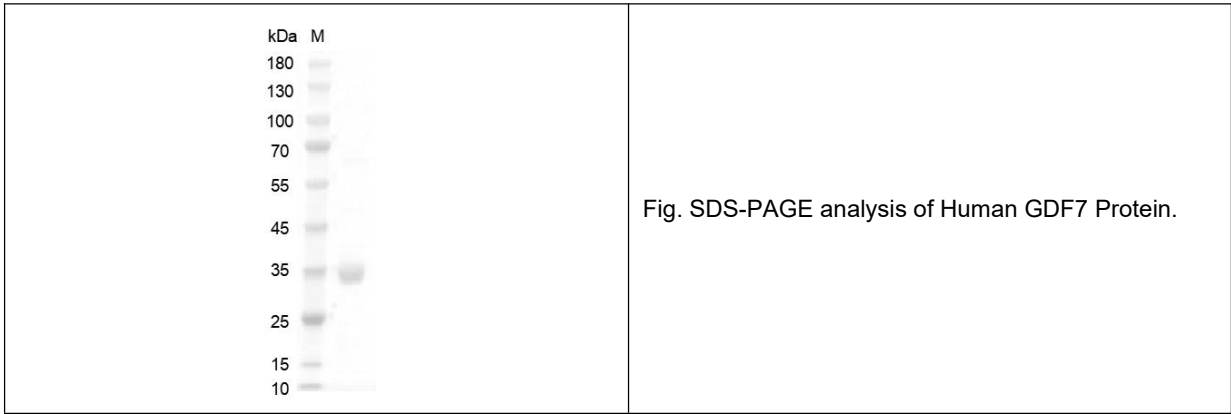


Fig. SDS-PAGE analysis of Human GDF7 Protein.

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