


Rat FGF1 Protein

Cat #: PRP1239

Size: 20 µg/50 µg/100 µg/1 mg

Product Information

	Product Name: Rat FGF1 Protein		
REF	Catalog Number: PRP1239	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: FGF1 is one of 23 known members of the FGF family. Proteins of this family play a central role during prenatal development, postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF1 is a non-glycosylated heparin binding growth factor that is expressed in the brain, kidney, retina, smooth muscle cells, bone matrix, osteoblasts, astrocytes and endothelial cells. FGF1 has the ability to signal through all the FGF receptors.

Sequence: Amino acid sequence derived from Rat FGF1 (P61149) (Phe16-Asp155) was expressed.

Protein length: The recombinant Rat FGF1 Protein consists of 140 amino acids and predicts a molecular mass of 15.93 kDa.

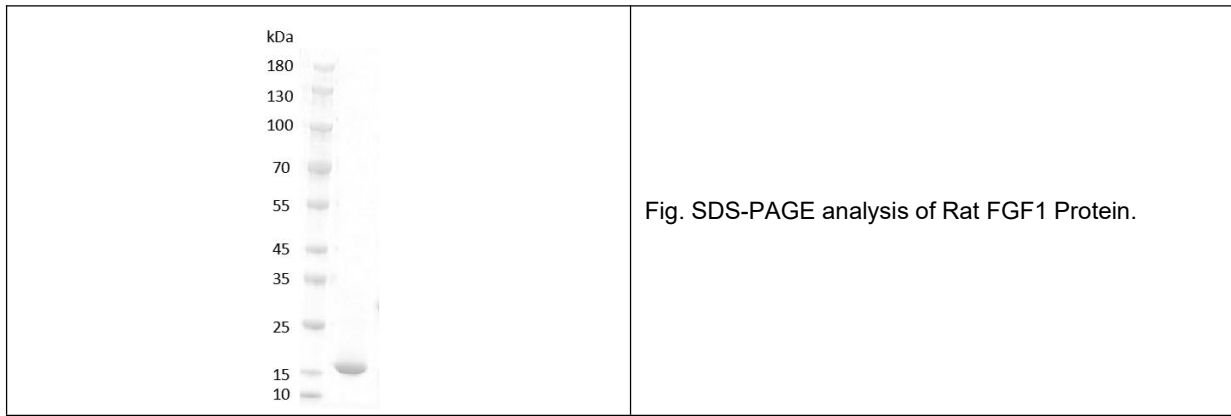
Biological Activity: Testing in Progress.

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

Formulation: Lyophilized from sterile PBS, pH6.5.

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.



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