


Mouse FGF-17 Protein

Cat #: PRP1228

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Mouse FGF-17 Protein		
REF	Catalog Number: PRP1228	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: Fibroblast Growth Factor 17 (FGF-17) is a part of the fibroblast growth factor family. FGF family members have broad mitogenic and cell survival activities, and are involved in various biological processes including morphogenesis, embryonic development cell growth, tissue repair, tumor growth and invasion. The FGF17 gene is highly expressed in the cerebellum and cortex. The mouse homolog of the FGF17 gene is localized to specific sites in the midline structures of the forebrain, the midbrain-hindbrain junction, developing skeleton and developing arteries, suggesting a part in central nervous system, bone and vascular development.

Sequence: Amino acid sequence derived from Mouse FGF-17 (Thr23-Thr216) (P63075) was expressed.

Protein length: The recombinant Mouse FGF-17 consists of 194 amino acids and predicts a molecular mass of 22.7 kDa.

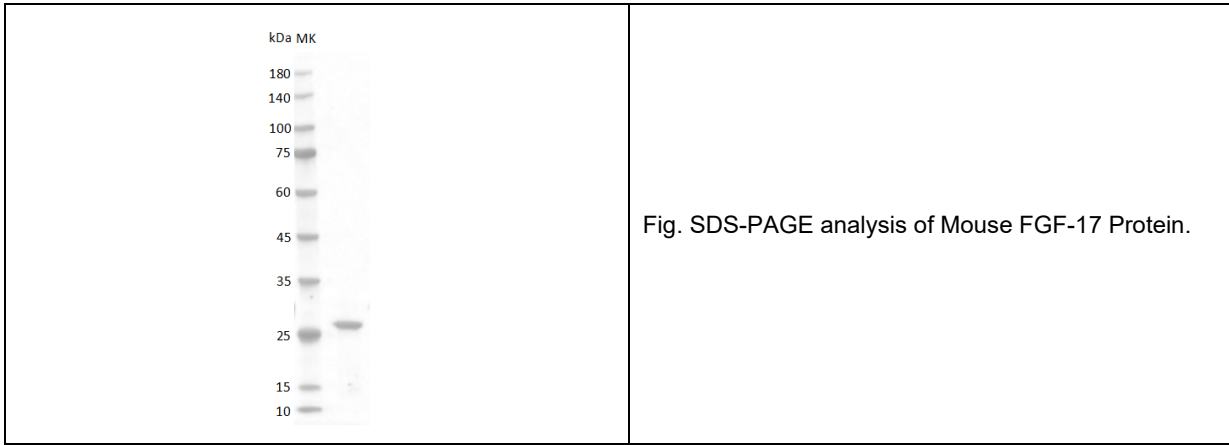
Biological Activity: Measured in a cell proliferation assay using NIH-3T3 mouse fibroblast cells. The EC50 for this effect is 73.37 ng/mL.

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

Formulation: Lyophilized from sterile 20 mM Tris, 150 mM NaCl, pH8.0.

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. 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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