


Mouse FGF1 Protein

Cat #: PRP1152

Size: 20µg/100µg/500µg/1mg

Product Information

	Product Name: Mouse FGF1 Protein		
REF	Catalog Number: PRP1152	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: Mouse FGF1, which is produced by multiple cell types, stimulates the proliferation of all cells of mesodermal origin and many cells of neuroectodermal, ectodermal, and endodermal origin. It plays a number of roles in development, regeneration, and angiogenesis. It is released extracellularly as a disulfide-linked homodimer and is stored in complex with extracellular heparan sulfate. Intracellular Mouse FGF1 functions as a survival factor by inhibiting p53 activity and proapoptotic signalin.

Sequence: Amino acid sequence derived from Mouse FGF1 (Phe16-Asp155)(P61148) with an N-terminal Met was expressed.

Protein length: The recombinant Mouse FGF1 consists of 141 amino acids and predicts a molecular mass of 15.9 kDa.

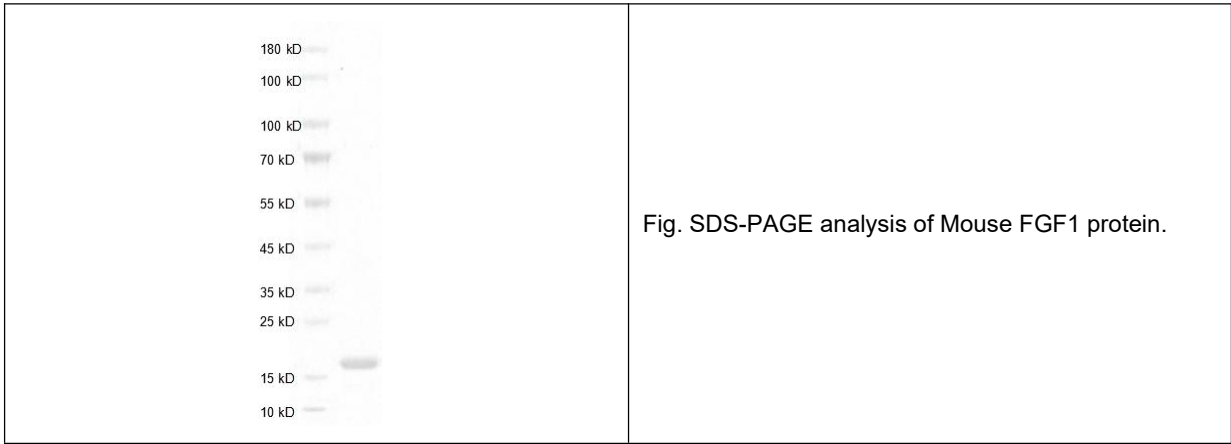
Biological Activity: Testing in progress.

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

Formulation: Lyophilized from 20 mM Tris-HCl pH8.0, 50 mM NaCl, 0.5 mM EDTA.

Storage Instructions: Lyophilized recombinant Mouse FGF1 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: Centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant Mouse FGF1 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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