


## Human FGF-17 Protein

Cat #: PRP1225

Size: 5 µg/20 µg/100 µg /1 mg

### Product Information

	<b>Product Name:</b> Human FGF-17 Protein		
<b>REF</b>	<b>Catalog Number:</b> PRP1225	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Purity:</b> > 98 % as determined by SDS-PAGE		
	<b>Storage:</b> Store at -20°C		<b>Preparation method:</b> E.coli
	<b>Shipping:</b> The product is shipped at ambient temperature.		

**Background:** Fibroblast Growth Factor 17(FGF-17) is a member of the heparin - binding growth factors family that is prominently expressed in the cerebellum and cortex. Proteins of this family possess broad mitogenic and cell survival activities and they are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth, and invasion. FGF-17 plays an important role in the regulation of embryonic development and it acts as signaling molecule in the induction and patterning of the embryonic brain. In addition, FGF-17 stimulates the proliferation and activation of cells that express FGF receptors.

**Sequence:** Amino acid sequence derived from Human FGF-17 (Thr23-Thr216) (O60258-1) was expressed.

**Protein length:** The recombinant Human FGF-17 consists of 194 amino acids and predicts a molecular mass of 22.6 kDa.

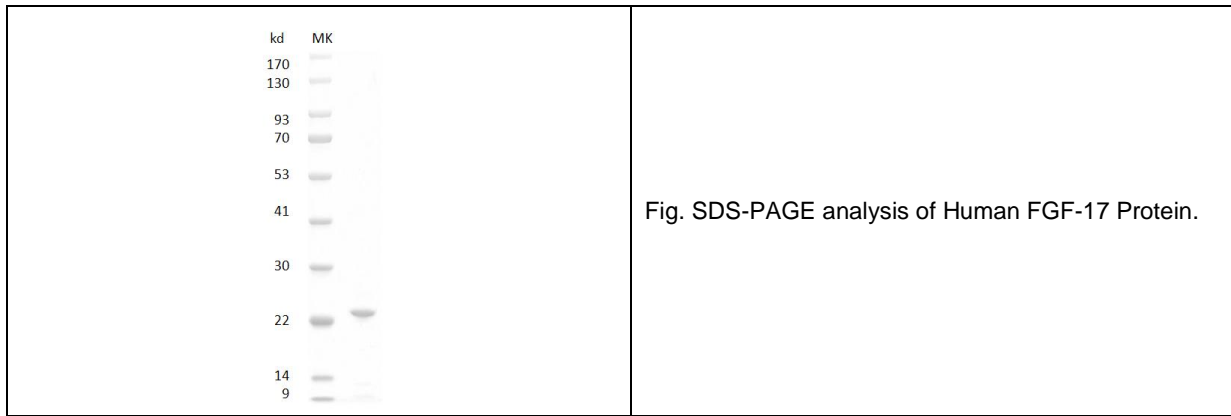
**Biological Activity:** Testing in Progress.

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

**Formulation:** Lyophilized from 20 mM Tris-HCl, 50mM 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 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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