

## HUMAN FGF-17 PROTEIN

**Cat.#:** 12083

**Product Name:** Human FGF-17 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** Fibroblast Growth Factor 17;FGF-17;FGF17

**Target:** FGF-17

**UNIPROT ID:** O60258

**Description:** Recombinant Human Fibroblast Growth Factor 17 is produced by our E.coli expression system and the target gene encoding Thr23–Thr216 is expressed.

**Background:** Fibroblast Growth Factor 17 (FGF17) 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. FGF17 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, FGF17 stimulates the proliferation and activation of cells that express FGF receptors.

**Species/Host:** E.coli

**Molecular Weight:** 22.6 KDa

**Molecular Characterization:** Not available

**Purity:** Greater than 95% as determined by reducing SDS-PAGE.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** Store at –20°C to –80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at –80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

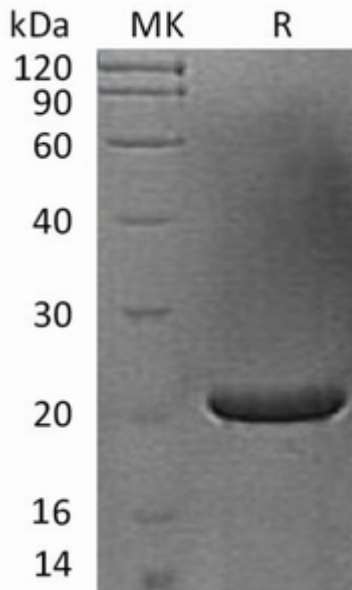


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.