



Fibroblast Growth Factor 17, human recombinant (rhuFGF17)

Catalog No: 99918
Lot No: XXXXX
Source: *E. coli*
Synonyms: Fibroblast growth factor 17, FGF-17, FGF17, FGF-13, HH20

Background

Fibroblast growth factor 17 (FGF17) belongs to the fibroblast growth factor (FGF) family. FGF family members have broad mitogenic and cell survival activities and are involved in various biological processes including embryonic development, cell growth, morphogenesis, 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, the developing skeleton and developing arteries, suggesting a role in central nervous system, bone and vascular development.

Description

FGF17 Human Recombinant, produced in *E. coli*, is a single, non-glycosylated polypeptide chain containing 219 amino acids (23-216 aa). It has a molecular mass of 25.2 kDa. FGF17 is fused to a 25 amino acid His-tag at N-terminus and purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered, colorless solution.

Formulation

FGF17 protein solution (1 mg/ml) contains 20 mM Tris-HCl buffer (pH 8.0), 0.4 M urea and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.

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