

**FGF17, 23-216aa, Human, His tag, E.coli**

**Cat.NO.: TP02119**

3th Edition

**Synonyms:**Fibroblast growth factor 17, FGF-13

**Description:**FGF17 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was shown to be prominently expressed in the cerebellum and cortex. The mouse homolog of this gene was localized to specific sites in the midline structures of the forebrain, the midbrain-hindbrain junction, developing skeleton and developing arteries, which suggests a role in central nervous system, bone and vascular development. Recombinant human FGF17 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

**Molecular Weight:**25.2 kDa (219aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMTQGENHPSNPNFYVVDQDQAMTDQLSRRQIREYQLYSRTSGKHVQVT  
GRRISATAEDGNKFAKLIVETDTFGSRVRIKGAESEKYICMNKRGKLGKPSGKSKDCVFTEIVLENNYTAFQNRHE  
GWFMAFTRQGRPRQASRSRQNRQEAHFIRLYQGQLPFPNHAQKQKQFEFVGSAPTRRTKRTRRPQPLT

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.