

# Recombinant human FGF-17 protein

Catalog Number: ATGP2092

## PRODUCT INFORMATION

**Expression system**

E.coli

**Domain**

23-216aa

**UniProt No.**

O60258

**NCBI Accession No.**

NP\_003858

**Alternative Names**

Fibroblast growth factor 17, FGF-13

## PRODUCT SPECIFICATION

**Molecular Weight**

25.2 kDa (219aa)

**Concentration**

1mg/ml (determined by Bradford assay)

**Formulation**

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

**Purity**

> 90% by SDS-PAGE

**Tag**

His-Tag

**Application**

SDS-PAGE, Denatured

**Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

**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 FGF-17 protein

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Recombinant human FGF17 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSHTQGEN HPSPNFNQYV RDQGAMTDQL SRRQIREYQL YSRTSGKHHVQ  
VTGRRISATA EDGNKFAKLI VETDTFGSRV RIKGAESEKY ICMNKRGLI GKPSGKSKDC VFTEIVLENN YTAFQNRHE  
GWFMATFRQG RPRQASRSRQ NQREAHFIKR LYQGQLPFPN HAEKQKQFEF VGSAPTRRTK RTRRPQPLT

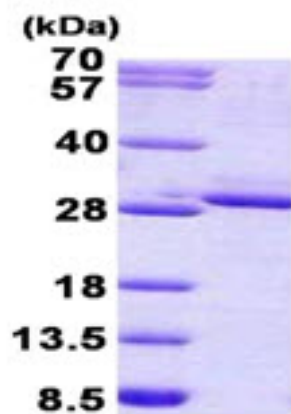
### General References

Zhang X., et al. (2006) J. Biol. Chem. 281:15694-15700

Turner N., et al. (2010) Nat. Rev. Cancer. 10:116-129

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)