

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.

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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 YTAFQNAHE
GWFMATFRQG RPRQASRSRQ NQREAHFIKR LYQGQLPFPN HAEKQKQFEF VGSAPTRRTK RTRRPQPLT

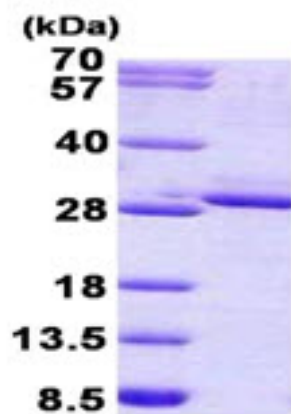
General References

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)