

AR50916PU-N**Human FGF17 (23-216, His-tag) - Purified****Alternate names:**

FGF-17, Fibroblast growth factor 17

Quantity:

0.5 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[O60258](#)**NCBI:**[NP_003858](#)**GeneID:**[8822](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol**Description:**

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

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMTQGEN HPSNPNQYV RDQAMTDQL SRRQIREYQL
YSRTSGKHVQ VTGRRISATA EDGNKFAKLI VETDTFGSRV RIKGAESEKY ICMNKRKGLI
GKPSGKSKDC VFTEIVLENN YTAFQNAHE GWFMAFTRQG RPRQASRSRQ NQREAHFIKR
LYQGQLPFPN HAEKQKQFEF VGSAPTRRTK RTRRPQPLT

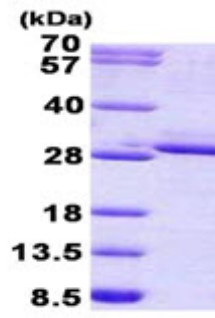
Molecular weight: 25.2 kDa (219aa)**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Zhang X., et al. (2006) J. Biol. Chem. 281:15694-15700
Turner N., et al. (2010) Nat. Rev. Cancer. 10:116-129

Pictures:



15% SDS-PAGE (3ug)