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Product datasheet for AR50916PU-S

FGF17 (23-216, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	FGF17 (23-216, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMTQGEN HPSPNFNQYV RDQGAMTDQL SRRQIREYQL YSRTSGKHVQ VTGRRISATA EDGNKFAKLI VETDTFGSRV RIKGAESEKY ICMNKRGKLI GKPSGKSKDC VFTEIVLENN YTAFQNARHE GWFMAFTRQG RPRQASRSRQ NQREAHFIKR LYQGQLPFPN HAEKQKQFEF VGSAPTRRTK RTRRPQPLT
Tag:	His-tag
Predicted MW:	25.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FGF17 protein, fused to His-tag at N-terminus, was expressed in E.coli.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001291407
Locus ID:	8822
UniProt ID:	O60258
Cytogenetics:	8p21.3
Synonyms:	Fibroblast growth factor 17, FGF-17

View online »

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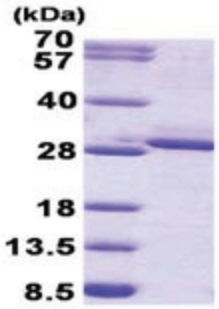
Summary: This gene encodes a member of the fibroblast growth factor (FGF) family. Member of the FGF family possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is expressed during embryogenesis and in the adult cerebellum and cortex and may be essential for vascular growth and normal brain development. Mutations in this gene are the cause of hypogonadotropic hypogonadism 20 with or without anosmia. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

Protein Families: Secreted Protein

Protein Pathways: MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

Product images:



15% SDS-PAGE (3ug)

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