

Datasheet for ABIN7318479 **FGF17 Protein**



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Overview

Quantity:	100 µg
Target:	FGF17
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Purpose:	Recombinant Human FGF-17 Protein (Active)
Sequence:	Thr 23-Thr 216
Characteristics:	Recombinant Human Fibroblast Growth Factor 17 is produced by our E.coli expression system and the target gene encoding Thr23-Thr216 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 134 ng/ml.

Target Details

Target:	FGF17
Alternative Name:	FGF-17 (FGF17 Products)

Target Details

Background:	<p>Background: Fibroblast Growth Factor 17 (FGF17) is a member of the heparin-binding growth factors family that is prominently expressed in the cerebellum and cortex. Proteins of this family possess broad mitogenic and cell survival activities and they are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth, and invasion. FGF17 plays an important role in the regulation of embryonic development and it acts as signaling molecule in the induction and patterning of the embryonic brain. In addition, FGF17 stimulates the proliferation and activation of cells that express FGF receptors.</p> <p>Synonym: Fibroblast Growth Factor 17, FGF-17, FGF17</p>
Molecular Weight:	22.6 kDa
UniProt:	O60258
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>