

Datasheet for ABIN7320525

**FGF17 Protein (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	FGF17
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FGF17 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse FGF-17 Protein (His Tag)(Active)
Sequence:	Thr23-Thr216
Characteristics:	Recombinant Mouse Fibroblast Growth Factor 17 is produced by our E.coli expression system and the target gene encoding Thr23-Thr216 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by 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 fibroblast cells. The ED50 for this effect is 1.26 µg/ml, in the presence of 10 µg/mL heparin.

## Target Details

Target:	FGF17
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## Target Details

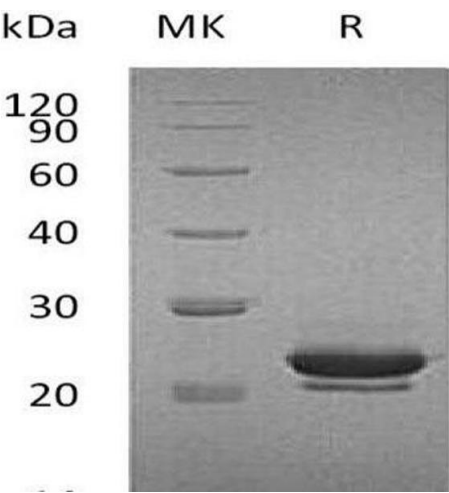
Alternative Name:	FGF-17 ( <a href="#">FGF17 Products</a> )
Background:	<p>Background: FGF-17 is a member of the fibroblast growth factor (FGF) family. FGFs share 30 70 % amino acid (aa) identity in a conserved, approximately 120 amino acid core domain. FGFs play multiple roles in biological functions, including angiogenesis, mitogenesis, cell differentiation and wound repair. FGF17 plays an important role in the regulation of embryonic development and as signaling molecule in the induction and patterning of the embryonic brain. It is also expressed in hindgut, parts of the developing skeleton, tail bud, major arteries, and heart. In many of these areas, it is expressed along with FGF-8, but slightly later. It is required for normal brain development.</p> <p>Synonym: Fibroblast growth factor 17, FGF-17,fgf17</p>
Molecular Weight:	23.7 kDa
UniProt:	<a href="#">P63075</a>
Pathways:	<a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a>

## 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,EDTA,DTT, 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 &lt; -20°C for 3 months.</p>



Western Blotting

Image 1.