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## Datasheet for ABIN7455657 FGF12 Protein

### Overview

Quantity:	50 µg
Target:	FGF12
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human Fibroblast Growth Factor 12 is produced by our E.coli expression system and the target gene encoding Met1-Thr181 is expressed.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	FGF12
Alternative Name:	FGF-12 ( <a href="#">FGF12 Products</a> )
Background:	<p>Fibroblast Growth Factor 12, FGF-12, Fibroblast Growth Factor Homologous Factor 1, FHF-1, Myocyte-Activating Factor, FGF12, FGF12B, FHF1</p> <p>Fibroblast Growth Factor 12 (FGF-12) is a member of the fibroblast growth factor (FGF) family. FGF-12 is probably involved in nervous system development and function. FGF-12 lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. The specific function of this</p>

## Target Details

gene has not yet been determined. Two alternatively spliced transcript variants encoding distinct isoforms have been reported.

Molecular Weight: 20.45 KDa

Pathways: [Negative Regulation of Transporter Activity](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: a 0.2  $\mu$ m filtered solution of PBS, 5 mM EDTA, pH 7.5.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months