



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### FGF18 (Human) Recombinant Protein

**Catalog Number:** P8623

**Regulation Status:** For research use only (RUO)

**Product Description:** Human FGF18 partial recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.

**Sequence:**

MKHHHHHHASEENVDFRIHVENQTRARDDVSRKQLR  
LYQLYSRTSGKHIQVLGRRISARGEDGDKYAQLLVETD  
TFGSQVRIKKGKETEFYLCMNRKGKLVGKPDGTSKECV  
FIEKVLNNYTALMSAKYSGWYVGFTKKGRPRKGPKT  
RENQQDVHFMKRYPKGQPELQKPFKYTTVTKRSRRIR  
PTHPA

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 22.3

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression  
system

**Purity:** > 95% as determined by densitometric image  
analysis.

**Storage Buffer:** Lyophilized from a solution containing  
1X PBS, pH 7.4, 5% w/v trehalos. Reconstitute the  
lyophilized powder in ddH<sub>2</sub>O to 0.5 mg/mL, and is not  
sterile! Please filter the product by a sterile filter before  
use.

**Storage Instruction:** Lyophilized protein should be  
stored at -20°C. Protein aliquots at 4°C for 2 weeks.  
Avoid repeated freeze/thaw cycles.

**Entrez GeneID:** 8817

**Gene Symbol:** FGF18

**Gene Alias:** FGF-18, ZFGF5

**Gene Summary:** The protein encoded by this gene 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. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. Studies of the similar proteins in mouse and chick suggested that this protein is a pleiotropic growth factor that stimulates proliferation in a number of tissues, most notably the liver and small intestine. Knockout studies of the similar gene in mice implied the role of this protein in regulating proliferation and differentiation of midline cerebellar structures. [provided by RefSeq]