



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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 (P01)

**Catalog Number:** H00008817-P01

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

**Product Description:** Human FGF18 full-length ORF (AAH06245, 29 a.a. - 207 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

ENVDFRIHVENQTRARDDVSRKQLRLYLQYSRTSGKH  
IQVLGRRISARGEDGDKYAQLLVETDTFGSQVRIKGKE  
TEFYLCMNRKGKLVGKPDGTSKECVFIEKVLNNYTAL  
MSAKYSGWYVGFTKKGRPRKGPKTRENQQDVHFMK  
RYPKGQPELQKPFKYTTVTKRSRRIRPTHPA

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 45.43

**Interspecies Antigen Sequence:** Mouse (99); Rat (99)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**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]