



# 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

### GRN (Human) Recombinant Protein

**Catalog Number:** P9026

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

**Product Description:** Human GRN (P28799, 1 a.a. - 593 a.a.) partial-length recombinant protein expressed in HEK293 cell.

**Host:** Human

**Theoretical MW (kDa):** 74

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

**Form:** Lyophilized

**Preparation Method:** HEK 293T cell expression system

**Purity:** > 98% by SDS PAGE

**Activity:** Activates phospho-ERK1/2 in neuronal mouse P19 cells and regulates food intake and body weight.

**Storage Buffer:** 1xPBS.

**Storage Instruction:** Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

**Entrez GeneID:** 2896

**Gene Symbol:** GRN

**Gene Alias:** GEP, GP88, PCDGF, PEPI, PGRN

**Gene Summary:** Granulins are a family of secreted, glycosylated peptides that are cleaved from a single precursor protein with 7.5 repeats of a highly conserved 12-cysteine granulin/epithelin motif. The 88 kDa precursor protein, progranulin, is also called proepithelin and PC cell-derived growth factor. Cleavage of the signal peptide produces mature granulin which can be further cleaved into a variety of active, 6 kDa peptides. These smaller cleavage products are named granulin A, granulin B, granulin C, etc. Epithelins 1 and 2 are synonymous with granulins A and B, respectively. Both

the peptides and intact granulin protein regulate cell growth. However, different members of the granulin protein family may act as inhibitors, stimulators, or have dual actions on cell growth. Granulin family members are important in normal development, wound healing, and tumorigenesis. [provided by RefSeq]