



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### IGF2 (Human) Recombinant Protein

**Catalog Number:** P8190

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

**Product Description:** Human IGF2 (P01344, 24 a.a. - 180 a.a.) partial recombinant protein contains a C-terminal propeptide (E peptide) Arg92 to Lys180 expressed in HEK293 cells.

**Sequence:**

AAYRPSETLCGGELVDTLQFVCGDRGFYFSRPASRVS  
RRSRGIVEECCFRSCDLALLETYCATPAKSERDVSTPP  
TVLPDNFPRYPVGKFFQYDTWKQSTQRLRRGLPALLR  
ARRGHVLAKELEAFREAKRHRPLIALPTQDPAHGGAP  
PEMASNRK

**Host:** Mammals

**Theoretical MW (kDa):** 25

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

**Form:** Lyophilized

**Preparation Method:** Mammalian cell (HEK293) expression system

**Purity:** > 90% by SDS-PAGE

**Activity:** The specific activity was determined by the dose-dependent stimulation of the proliferation of MCF-7 cells (human breast cancer cell line) and is typically 2-8 ng/mL.

**Recommend Usage:** Biological Activity  
SDS-PAGE  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In sterile PBS containing 0.1% endotoxin-free recombinant HSA.

**Storage Instruction:** Store at 2°C to 8°C for 1 week.  
For long term storage, aliquot and store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3481

**Gene Symbol:** IGF2

**Gene Alias:** C11orf43, FLJ22066, FLJ44734, INSIGF, pp9974

**Gene Summary:** This gene encodes a member of the insulin family of polypeptide growth factors that is involved in development and growth. It is an imprinted gene and is expressed only from the paternally inherited allele. It is a candidate gene for eating disorders. There is a read-through, INS-IGF2, which aligns to this gene at the 3' region and to the upstream INS gene at the 5' region. Alternatively spliced transcript variants, encoding either the same or different isoform, have been found for this gene. [provided by RefSeq]