



# 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

### INS (Human) Recombinant Protein

read-through gene, INS-IGF2, which overlaps with this gene at the 5' region and with the IGF2 gene at the 3' region. [provided by RefSeq]

**Catalog Number:** P8131

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

**Product Description:** Human INS (P01308)  
recombinant protein expressed in *Escherichia coli*.

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 5.8

**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:** > 98% by RP-HPLC analysis

**Activity:** The Biological Activity was determined to be 28  
units/mg.

**Storage Buffer:** Lyophilized from with no additives

**Storage Instruction:** Lyophilized although stable at  
room temperature for 3 weeks, should be stored  
desiccated below -20°C. Upon reconstitution should be  
stored at 4°C between 2-7 days and for future use below  
-20°C. For long term storage it is recommended to add a  
carrier protein (0.1% HSA or BSA).  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3630

**Gene Symbol:** INS

**Gene Alias:** ILPR, IRDN

**Gene Summary:** After removal of the precursor signal  
peptide, proinsulin is post-translationally cleaved into two  
chains (peptide A and peptide B) that are covalently  
linked via two disulfide bonds. Binding of this mature  
form of insulin to the insulin receptor (INSR) stimulates  
glucose uptake. A variety of mutant alleles with changes  
in the coding region have been identified. There is a