



# 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

### IL11 (Human) Recombinant Protein

**Catalog Number:** P8322

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

**Product Description:** Human IL11 (P20809, 23 a.a. - 199 a.a.) partial recombinant protein expressed in *Escherichia coli*.

**Sequence:**

GPPPGPPRVSPDPRAELDSTVLLTRSLLADTRQLAAQ  
LRDKFPADGDHNLDSLPTLAMSAGALGALQLPGVLTR  
LRADLLSYLRHVQWLRRAGGSSLKTLEPELGTQLARL  
DRLLRRLQLLMSRLALPQPPDPAPPPLAPPSSAWGG  
IRAAHAILGGLHLTLDWAVRGLLLKTRL

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 19.2

**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 SDS-PAGE

**Activity:** The ED<sub>50</sub> is < 10 ng/mL as determined by the dose-dependant stimulation of the proliferation of murine 7TD1, corresponding to a specific activity of > 1.0 × 10<sup>5</sup> IU/mg.

**Recommend Usage:** Biological Activity  
SDS-PAGE

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from sterile distilled Water is > 100 ug/mL

**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:** 3589

**Gene Symbol:** IL11

**Gene Alias:** AGIF, IL-11

**Gene Summary:** The protein encoded by this gene is a member of the gp130 family of cytokines. These cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. [provided by RefSeq]