



# 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

### IL16 (Human) Recombinant Protein

**Catalog Number:** P8351

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

**Product Description:** Human IL16 (Q14005, 1203 a.a. - 1332 a.a.) partial recombinant protein expressed in *Escherichia coli*.

**Sequence:**

MPDLNSSTDSAASASAASDVSVESTAEATVCTVTLEK  
MSAGLGFSLEGGKGLHGDKPLTINRIFKGAASEQSET  
VQPGDEILQLGGTAMQGLTRFEAWNIIKALPDGPVTIVI  
RRKSLQSKETTAAGDS

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 13.5

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

**Activity:** The ED<sub>50</sub> as determined by the ability to chemoattract human CD4+ T lymphocytes using a concentration range of 10-100 ng/mL, corresponding to a specific activity of 10000 - 100000 units/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:** 3603

**Gene Symbol:** IL16

**Gene Alias:** FLJ16806, FLJ42735, FLJ44234, HsT19289, IL-16, LCF, prIL-16

**Gene Summary:** The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. The cytokine function is exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]