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Produktinformation



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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

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

www.szabo-scandic.com

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

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
MSAGLGFSLEGGKGS LHGDKPLTINRIFKGAASEQSET
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 ED₅₀ 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]