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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL16 (Human) Recombinant Protein

Catalog Number: P8352

Regulation Status: For research use only (RUO)

Product Description: Human IL16 (Q14005, 1212 a.a. - 1332 a.a.) partial recombinant protein expressed in *Escherichia coli*.

Sequence:

SAASASAASDVSVSTAEATVCTVTLEKMSAGLGFSL
EGGKGS LHGDKPLTINRIFKGAASEQSETVQPGDEILQ
LGGTAMQGLTRFEAWNIKALPDGPVTIVIRKSLQSKE
TTAAGDS

Host: *Escherichia coli*

Theoretical MW (kDa): 12.4

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: > 97% by SDS-PAGE

Activity: Determined by the ability to chemoattract
human CD4+ T-Lymphocytes using a concentration
range of 50.0 - 100.0 ng/mL.

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]