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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

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Datasheet

IL9 (Human) Recombinant Protein

Catalog Number: P8309

Regulation Status: For research use only (RUO)

Product Description: Human IL9 (P15248, 18 a.a. - 144 a.a.) partial recombinant protein expressed in *Escherichia coli*.

Sequence:

MQGCPTLAGILDINFLINKMQEDPASKCHCSANVTSL
CLGIPSDNCTRPCFSERLSQMTNTTMQTRYPLIFSRVK
KSVEVLKNNKCPYFSCEQPCNQTTAGNALTLKSLLEI
FQKEKMRGMRGKI

Host: *Escherichia coli*

Theoretical MW (kDa): 14

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: The ED₅₀ is < 0.2 ng/mL was determined by
the dose-dependent stimulation of human MO7e cells,
corresponding to a specific activity of 5.0 x 10⁶ 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: 3578

Gene Symbol: IL9

Gene Alias: HP40, IL-9, P40

Gene Summary: The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness. [provided by RefSeq]