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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

IL4 (Human) Recombinant Protein

Catalog Number: P8272

Regulation Status: For research use only (RUO)

Product Description: Human IL4 (P05112, 25 a.a. - 153 a.a.) partial recombinant protein expressed in *Pichia pastoris*.

Host: Yeast

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Pichia pastoris* expression system

Purity: > 98% by SDS-PAGE

Activity: The ED₅₀ is 0.05 - 0.4 ng/mL as determined by measuring the dose-dependent proliferation of human TF-1 cells and CD23 expression. A concentration of 0.1 10.0 ng/ml is effective for most in vitro applications.

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: 3565

Gene Symbol: IL4

Gene Alias: BCGF-1, BCGF1, BSF1, IL-4, MGC79402

Gene Summary: The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may

contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]