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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL4 (Human) Recombinant Protein (P01)

Catalog Number: H00003565-P01

Regulation Status: For research use only (RUO)

Product Description: Human IL4 full-length ORF (NP_000580, 1 a.a. - 153 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGLTSQLLPPLFFLLACAGNFVHGHKCDITLQEIIKTLN
SLTEQKTLCTELTVTDIFAASKNTEKETFCRAATVLRQ
FYSHHEKDTRCLGATAQQFHRHKQLIRFLKRLDRNLW
GLAGLNSCPVKEANQSTLENFLERLKTIMREKYSKCSS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 42.46

Interspecies Antigen Sequence: Mouse (41); Rat (43)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -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]