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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL5 (Human) Recombinant Protein

Catalog Number: P9976

Regulation Status: For research use only (RUO)

Product Description: Human IL5 (P05113, Ile20-Ser134) partial recombinant protein with His-Avi tag at N-terminus expressed in HEK293 cells.

Sequence: Ile20-Ser134

Host: Human

Theoretical MW (kDa): 16.1 kDa
Due to g

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

Form: Lyophilized

Preparation Method: Mammalian cell (HEK293)
expression system

Purity: > 95% as determined by Tris-Bis PAGE; > 95%
as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein
(determined by LAL method)

Recommend Usage: Biological Activity

ELISA

SPR

Tris-Bis PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: Lyophilized from filtered solution in
PBS, pH 7.4 (5% trehalose).

Storage Instruction: After reconstitution with deionized
water to a final concentration more than 100 ug/ml, store
at 4°C for 1 week. For long term storage, store at -80°C
for 1 year.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3567

Gene Symbol: IL5

Gene Alias: EDF, IL-5, TRF

Gene Summary: The protein encoded by this gene is a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. This cytokine is a main regulator of eosinopoiesis, eosinophil maturation and activation. The elevated production of this cytokine is reported to be related to asthma or hypereosinophilic syndromes. The receptor of this cytokine is a heterodimer, whose beta subunit is shared with the receptors for interleukine 3 (IL3) and colony stimulating factor 2 (CSF2/GM-CSF). This gene, together with those for interleukin 4 (IL4), interleukin 13 (IL13), and CSF2, form a cytokine gene cluster on chromosome 5. This cytokine, IL4, and IL13 are found to be regulated coordinately by long-range regulatory elements spread over 120 kilobases on chromosome 5q31. [provided by RefSeq]