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Produktinformation



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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

IL5 (Human) Recombinant Protein

Catalog Number: P10596

Regulation Status: For research use only (RUO)

Product Description: Human IL5 full-length recombinant protein with His tag expressed in CHO cells.

Sequence:

MRMLLHLSLLALGAAYVYAIPTEIPTSAVKETLALLSTH
RTLLIANETLRIPVPVHKHQLCTEEIFQGIGTLESQTV
QGGTVERLFKNLSLIKYYIDGQKKKCGEERRRVNQFL
DYLQEFLGVMNTEWIIES

Host: Mammals

Theoretical MW (kDa): 13.97

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 (CHO)
expression system

Purification: Ni-NTA chromatography

Purity: > 95% by SDS-PAGE

Endotoxin Level: < 0.1 EU/ ug of protein by the LAL
method.

Recommend Usage: SDS-PAGE

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

Storage Buffer: Lyophilized from filtered PBS, pH 7.4.

Storage Instruction: Store at -20°C for 12 months in
lyophilized state.
After reconstitution with deionized water, store at -20 or
-80°C for 1 month.
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]