

Recombinant Human IL5 Protein

Cat. No. IL5-43H Lot. No. (See product label)

SPECIFICATION

Product Overview	This recombinant protein contains full length of Human interleukin 5 without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. The encoded cytokine plays a major role in the regulation of eosinophil formation, maturation, recruitment and survival. The increased production of this cytokine may be related to pathogenesis of eosinophil-dependent inflammatory diseases. This cytokine functions by binding to its receptor, which 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 is located on chromosome 5 within a cytokine gene cluster which includes interleukin 4 (IL4), interleukin 13 (IL13), and CSF2. This gene, IL4, and IL13 may be regulated coordinately by long-range regulatory elements spread over 120 kilobases on chromosome 5q31.
Form	Affinity purified, liquid
Molecular Mass	15.5 kDa
Purity	>95% pure by SDS-PAGE
Applications	Suitable for use in ELISA, WB and other immune tests

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Storage	Upon receipt, store at 2-8 centigrade.
Storage Buffer	Phosphate saline, pH 8, and 8 M Urea
Full Length	Full L.

GENE INFORMATION

Gene Name	IL5 interleukin 5 [Homo sapiens (human)]
Official Symbol	IL5
Synonyms	IL5; interleukin 5; EDF; TRF; IL-5; interleukin-5; B-cell differentiation factor I; T-cell replacing factor; colony-stimulating factor, eosinophil; eosinophil differentiation factor
Gene ID	3567
mRNA Refseq	NM_000879
Protein Refseq	NP_000870
MIM	147850
UniProt ID	P05113

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