

Recombinant Human IL13 Protein, His/DDK-tagged

Cat. No. IL13-335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL13(Gly35-Asp146) fused with His/DDK tag at N-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly35-Asp146
Description	This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4.
Form	1 x PBS, pH7.4.
Molecular Mass	16 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Storage

Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

Concentration

>50 ug/mL as determined by microplate BCA method

GENE INFORMATION
Gene Name

IL13 interleukin 13 [Homo sapiens]

Official Symbol

IL13

Synonyms

IL13; interleukin 13; interleukin-13; allergic rhinitis; ALRH; BHR1; Bronchial hyperresponsiveness 1 (bronchial asthma); IL 13; MGC116786; MGC116788; MGC116789; P600; Bronchial hyperresponsiveness-1 (bronchial asthma); IL-13;

Gene ID

3596

mRNA Refseq

NM_002188

Protein Refseq

NP_002179

MIM

147683

UniProt ID

P35225

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