

## Active Recombinant Human IL13

Cat. No. IL13-370H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL13 (AAK53823.1) (Met 1-Asn 132) was produced in CHO Cells.                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                        |
| <b>Source</b>           | CHO                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met 1-Asn 132                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from sterile 50 mM Tris, pH 8.0.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                     |
| <b>Bio-activity</b>     | Measured in a cell proliferation assay using TF1 human erythroleukemic cells. The ED50 for this effect is typically 0.5-3 ng/mL.                                             |
| <b>Molecular Mass</b>   | The recombinant human IL13 consists of 112 amino acids and migrates as an approximately 12.5 kDa band in SDS-PAGE under reducing conditions as predicted.                    |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                     |
| <b>Purity</b>           | > 92 % as determined by SDS-PAGE                                                                                                                                             |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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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