

RECOMBINANT HUMAN INTERLEUKIN-13

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| CATALOG NUMBER: | IL012 |
| LOT NUMBER: | xxxxxxx |
| QUANTITY: | 10 µg |
| DESCRIPTION: | Interleukin-13 (IL-13) is an immunoregulatory protein produced by activated T-lymphocytes. The biological activities of IL-13 include the stimulation of B-cell proliferation and immunoglobulin production. Recombinant human IL-13 is a 12.5 kDa protein containing 114 amino acid residues. |
| SOURCE: | <i>E. coli</i> |
| PURITY: | Greater than 98% by SDS-PAGE and HPLC analysis. Endotoxin level is less than 0.1 ng per µg (1EU/ug) of IL-13. |
| ACTIVITY: | The ED ₅₀ as determined by the dose-dependent proliferation of TF-1 cells was ≤ 1.0 ng/mL, corresponding to a specific activity of ≥ 1 x 10 ⁶ units/mg. |
| PRESENTATION: | The sterile filtered solution was lyophilized from 20 mM Sodium Phosphate, pH 7.0. |
| STORAGE/HANDLING: | The lyophilized powder is stable for a few weeks at room temperature, but best stored at -20°C. After a quick spin, reconstitute in water to a concentration of 0.1-1.0 mg/mL. Note: Slow to dissolve. This solution can be diluted into other buffered solutions and stored at 4°C for 1 week or -20°C for future use. Reconstituted human IL-13 should be stored in undiluted aliquots at -20°C for up to six months. Avoid repeated freeze/thaw cycles. |

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