



RECOMBINANT HUMAN INTERLEUKIN-13

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.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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