IL-13 (human), (recombinant)

IL-13 (interleukin-13) is primarily produced by activated T cells and has many of the same biological properties as IL-4. IL-13 suppresses the expression of pro-inflammatory cytokines such as IL-1, IL-6, TNF-α and IL-8 by monocytes/macrophages, induces CD23 expression on B cells, promotes B cell proliferation, stimulates secretion of IgE and IgG4, and induces IFN-γ production by NK cells. IL-13 has been shown to inhibit the replication of HIV both in vitro and in vivo. IL-13 induces many phenotypes of allergic lung diseases, including airway hyper responsiveness, goblet cell metaplasia and mucus hypersecretion that contribute to airway obstruction.

Citations: 3 View Online »

Ordering Information

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ENZ-PRT183-0010	10µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Short Term Storage	-20°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Interleukin-13, NC30
Biological Activity	Determined by its ability to stimulate the proliferation of human TF-1 cells. The expected ED50 is ≤ 1.0 ng/ml, corresponding to a specific activity of ≥ 1 x 10^6 units/mg.
Endotoxin Content	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Formulation	Lyophilized from 20mM sodium phosphate, pH 7.0.
MW	~12.6 kDa
Purity	≥98% (SDS & HPLC)
Purity Detail	Sterile filtered through a 0.2 micron filter.
Source	Produced in *E. coli*.
UniProt ID	P35225

Last modified: May 29, 2024

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