



Recombinant Human IL-13

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-052S
Size:	2 µg
Lot. No.:	According to product label

Sequence

MSPGVPVPST ALRELIEELV NITQNQKAPL CNGSMVWSIN
LTAGMYCAAL ESLINVSGCS AIEKTQRMLS GFCPHKVSAG
QFSSLHVRDT KIEVAQFVKD LLLHLKKLFR EGRFN

Database References

Protein RefSeq:	NP_002179.2
Uniprot ID:	P35225
mRNA RefSeq:	NM_002188

Scientific Background

Gene-ID (NCBI):	3596
Synonyms:	IL13; ALRH; BHR1; P600; IL-13

Interleukin-13 is an immunoregulatory protein produced by activated T-lymphocytes. The biological activities of IL-13 include the stimulation of B cell proliferation and immunoglobulins production. Recombinant Human IL-13 is a 12.5 kDa protein containing 114 amino acid residues.

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	115
MW:	12.6 kDa

Biological Activity: The ED50 as determined by the dose-dependent proliferation of TF-1 cells was ≤ 1.0 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^6$ units/mg.



AVOID REPEATED FREEZE AND THAW CYCLES!