

# Human IL-13 Recombinant Protein

## Product Details

Size	100 µg
Species	Human
Expression system	E. coli
Amino acid sequence	MSPGPVPPST ALRELIEELV NITQNQKAPL CNGSMVWSIN LTAGMYCAAL ESLINVSGCS AIEKTQRMLS GFCPHKVSAG QFSSLHVRDT KIEVAQFVKD LLLHLKKLFR EGRFN
Molecular weight	12.5 kDa
Class	Recombinant
Type	Protein
Purity	>95% by SDS-PAGE
Endotoxin concentration	<0.1 ng/µg
Activity	ED50 1.0 ng/mL; determined by the dose-dependent proliferation of human TF-1 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Contains	no preservative
Storage conditions	-20°C

## Applications

## Tested Dilution

## Publications

Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

## Product Specific Information

### Carrier-Free

**Reconstitution:** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Lyophilized hIL-13 should be reconstituted in sterile, deionized water to a concentration of 0.1-1.0 mg/mL to regain full activity. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in low endotoxin medium or buffered solution with FBS or tissue culture grade BSA.

**Storage:** Lyophilized hIL-13 should be stored at 2°C to 8°C, preferably desiccated. Store reconstituted hIL-13 at -20°C (not in a frost-free freezer). Keep freeze-thaw cycles to a minimum.

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