

# Human IL-5, Animal-Free Recombinant Protein, PeproTech®

## Product Details

Size	1 mg
Species	Human
Expression system	E. coli
Amino acid sequence	MIPTIPTSA LVKETLALLS THRTLLIANE TLRIPVPVHK NHQLCTEEIF QGIGTLESQT VQGGTVERLF KNLSLIKKYI DGQKKKCGEE RRRVNQFLDY LQEFLGVMNT EWIIES
Molecular weight	26.5 kDa
Class	Recombinant
Type	Protein
Purity	98% by SDS-PAGE gel and HPLC analyses.
Endotoxin concentration	<0.1 EU/μg
Activity	The ED50 as determined by the dose-dependent proliferation of TF-1 cells was 0.15 ng/ml, corresponding to a specific activity of $6.6 \times 10^6$ units/mg.
Conjugate	Unconjugated
Form	Lyophilized
Purification	HPLC, SDS-PAGE
Contains	no preservative
Storage conditions	-20°C

## Applications

## Tested Dilution

## Publications

Functional Assay (FN)

Assay-dependent

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## Product Specific Information

Recombinant Human IL-5 is a 26.5 kDa disulfide-linked homodimeric protein containing two 116 amino acid chains.

This product is shipped at ambient temperature. For storage, handling and reconstitution information, please see the lot-specific Certificate of Analysis

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