

Recombinant Human IL5 protein(Met1-Ser134), His-tagged

Cat. No. IL5-502H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL5 (NP_000870.1) (Met1-Ser134) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser134
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.2-1.2 ng/mL.
Molecular Mass	The recombinant human IL5 consists of 126 amino acids and predicts a molecular mass of 14.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL5 interleukin 5 (colony-stimulating factor, eosinophil) [Homo sapiens]
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Official Symbol	IL5
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Synonyms

IL5; interleukin 5 (colony-stimulating factor, eosinophil); interleukin-5; B cell differentiation factor I; EDF; eosinophil differentiation factor; IL 5; interleukin 5; T cell replacing factor; TRF; T-cell replacing factor; B-cell differentiation factor I; IL-5;

Gene ID	3567
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mRNA Refseq	NM_000879
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Protein Refseq	NP_000870
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MIM	147850
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UniProt ID	P05113
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