

Active Recombinant Human IL5 protein

Cat. No. IL5-0295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL5 protein(NP_000870.1)(Ile20-Ser134) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-134 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.1-1 ng/mL.
Molecular Mass	The recombinant human IL5 consists of 115 amino acids and predicts a molecular mass of 13.15 kDa.
Proteinlength	Ile20-Ser134
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

 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

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.

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]

Official Symbol IL5

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

mRNA Refseq NM_000879

Protein Refseq NP_000870

MIM 147850

UniProt ID P05113

 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