

# Recombinant Human IL17 protein(Gly24-Ala155(T26A)), His-tagged

**Cat. No.** IL17A-7334H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL17A (Q16552, with mutation Thr 26 Ala) (Gly24-Ala155) was expressed in Insect Cells with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	24-155 a.a.
<b>Form</b>	Lyophilized from sterile 20mM PB, 500mM NaCl, 10% Glycerol, pH 7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 20 ng/mL TNFα. The ED50 for this effect is 0.5-2.5 ng/mL.
<b>Molecular Mass</b>	The recombinant human human IL17A consists of 152 amino acids and predicts a molecular mass of 17.2 KDa. It migrates as an approximately 18.6 and 20.3 KDa band in SDS-PAGE under reducing conditions due to different glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE

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

 Email: [info@creative-biomart.com](mailto: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.

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