

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

**Cat. No.** IL17A-445H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL17A (Q16552, with mutation Thr 26 Ala) (Gly24-Ala155) was expressed in Yeast with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	24-155 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	1. Measured by its binding ability in a functional ELISA. Immobilized Human IL17 His at 2 µg/ml (100 µl/well) can bind Human IL17RA His & hFc, the EC50 of Human IL17RA His & hFc is 30-180 ng/mL. 2. Measured by its ability to induce IL-6 secretion by HFF human foreskin fibroblast cells. The EC50 for this effect is typically 5-25 ng/ml.
<b>Molecular Mass</b>	The recombinant human human IL17A consists of 152 amino acids and predicts a molecular mass of 17.3 KDa. It migrates as an approximately 17 KDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

 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



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.

 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