

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

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

SPECIFICATION

Product Overview	Recombinant Human IL17A (Q16552, with mutation Thr 26 Ala) (Gly24-Ala155) was expressed in Yeast with a polyhistidine tag at the N-terminus.
Species	Human
Source	Yeast
ProteinLength	24-155 a.a.
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	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.
Molecular Mass	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.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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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