

# Recombinant Human IL-17 (IL-17A)

Catalog Number: **HZ-1113**

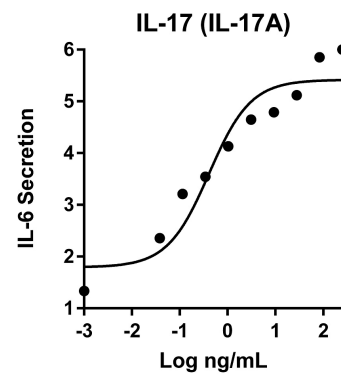
HEK293 expressed

Endotoxin-free

Animal-component free

## Technical Specifications

Species	human
Expression	HEK293
Activity	Typically $\leq 2$ ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ $\mu$ g
Molecular Mass	30 to 35 kDa, homodimer
Formulation	10 mM Tris-HCl pH 7.4+ 250 mM NaCl, See Certificate of Analysis for details
Gene ID	3605



The activity was determined by the dose-dependent induction of IL-6 secretion from NHDF Adult fibroblasts using IL6 ELISA kit.

## Reconstitution Buffer

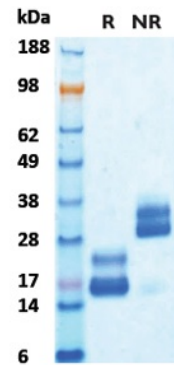
Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

## Stability and Storage

Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

## Product Description

Animal-free IL-17 (IL-17A) is expressed in human 293 cells as a homodimeric glycoprotein with an apparent molecular mass of 30 to 35 kDa. The IL-17 family is comprised of at least 6 proinflammatory cytokines that share a conserved cystine-knot structure but diverge at the N-terminus. IL-17 family members are glycoproteins secreted as dimers that induce local cytokine production and recruit granulocytes to sites of inflammation.



The protein was resolved by SDS- polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

## Synonyms

CTLA 8, CTLA8, IL 17, IL 17A, IL17, IL-17, IL17A, IL-17A, interleukin 17A

For technical support and original validation data for this product please contact:

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