

Recombinant Human IL-17A

Catalog Number: **HZ-1113**

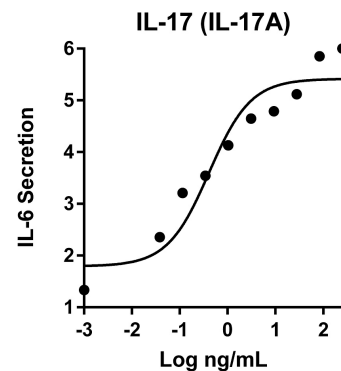
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	Human
Expression	HEK293
Activity	Typically ≤ 2 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	30 to 35 kDa, homodimer
Formulation	10 mM Tris-HCl pH 7.4+ 150 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

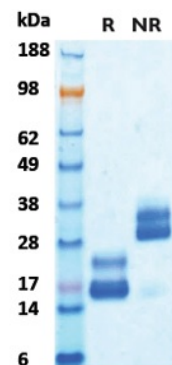
Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

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 divergence 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. R represents reducing conditions and NR represents non-reducing conditions.

Synonyms

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

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

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