

**Recombinant Human
IL-17 (IL-17A) (Interleukin 17A)**

Catalog # (Size): HZ-1113 (10µg) HZ-1132 (100µg) HZ-1133 (1000µg)

Product Description

- Endotoxin-free
- Animal-derived product free
- Lyophilized and Carrier Free (CF)
- Available in Bulk

Xeno-free IL-17 (IL-17A)^{HuXp} 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.

Typical Specifications

Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 10 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/µg
Molecular Mass	30 to 35kDa, homodimer
Formulation	10 mM Tris-HCl pH 7.4 + 250 mM NaCl

Purity Confirmation

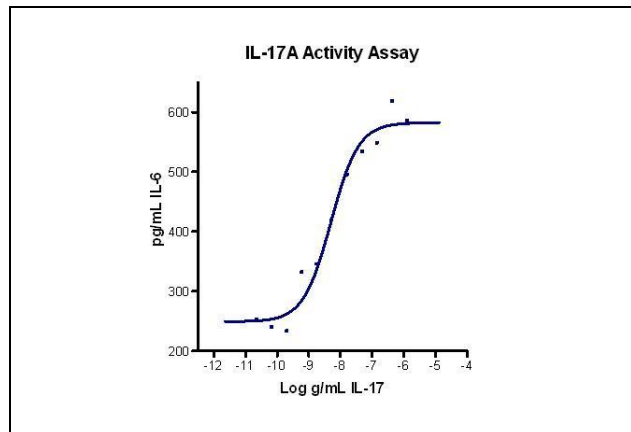
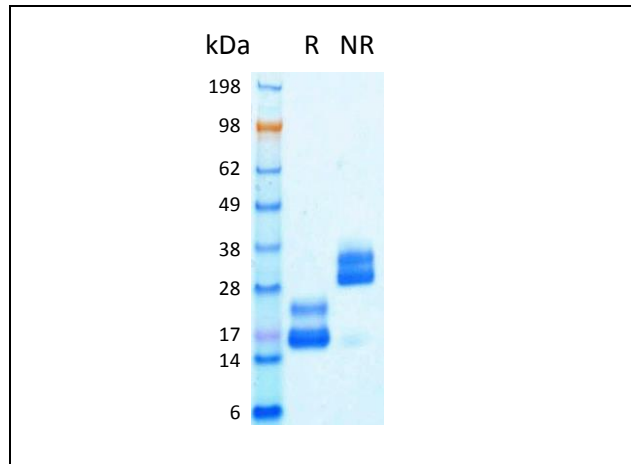
The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

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



All HumaXpress[®] HumanKine[™] are animal-component-free and Xeno-free[™]



Reconstitution Buffer

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

Limited Use and Restrictions Unless otherwise stated in our catalog or other company documentation accompanying the products sold by HumanZyme Inc. are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, including resale or use in manufacture, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.