


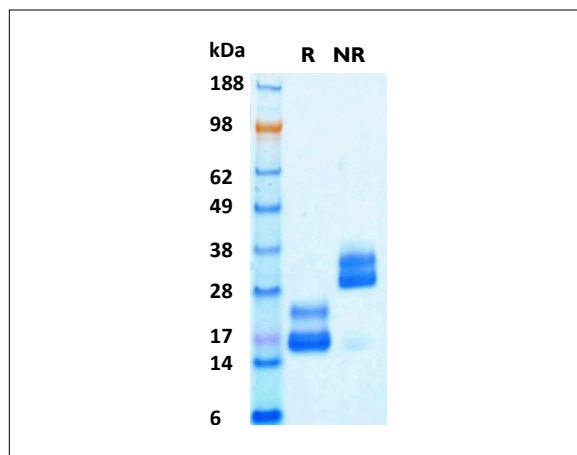
Recombinant Human IL-17 (IL-17A) (Interleukin 17A)

Product Description

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

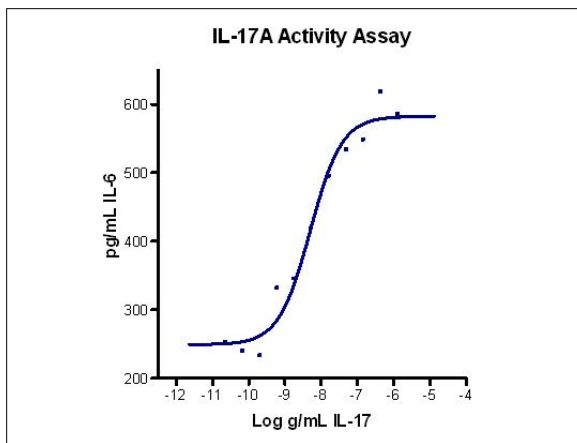
Xeno-free IL-17 (IL-17A) is expressed in human 293 cells as a homodimeric glycoprotein with an apparent molecular mass of 30 to 35 kDa. The IL-17 family is comprised of at least 6 proinflammatory cytokines that share a conserved cystine-knot structure but diverge at the N-terminus. IL-17 family members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

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



Typical Specifications

Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 10 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	30 to 35 kDa, 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.

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).

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