

Recombinant Human IL-29 (Interleukin 29)

Catalog # (Size): HZ-1156 (10µg) HZ-1157 (100µg) HZ-1158 (1000µg)

Product Description

- Endotoxin-free
- Animal-derived product free
- Lyophilized and Carrier Free (CF)
- High Activity

Xeno-free human IL-29^{HuXp} (IFN lambda 1) is expressed in human 293 cells as a glycoprotein with an apparent molecular mass of 29 and 35 kDa. IL-29 has immunomodulatory activity and may function in antiviral immunity. This cytokine is produced in a serum-free, chemically defined media. Production in human 293 cells offers authentic human glycosylation which contributes to stability in cell growth media and other applications. The purity is greater than 95%.

Typical Specifications

Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 5 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/µg
Molecular Mass	29 and 35 kDa, monomer, glycosylated
Formulation	1x PBS

Purity Confirmation

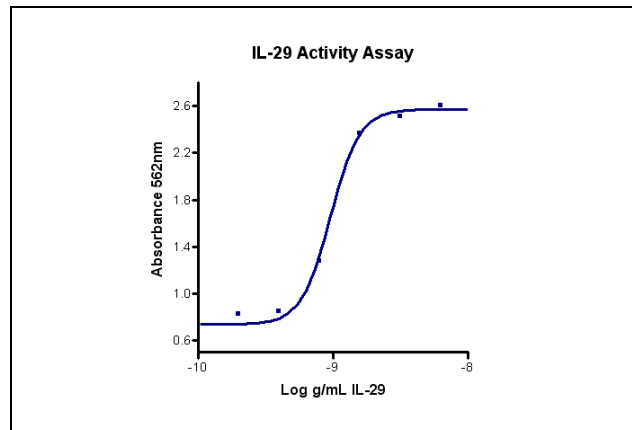
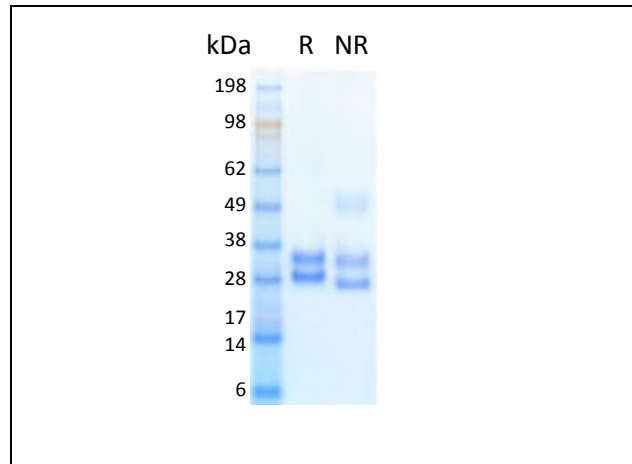
The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

The activity was determined by the dose dependent protection of the cytopathic effect on A549 cells (human lung adenocarcinoma epithelial cell line) that were challenged with encephalomyocarditis (EMC) virus.



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).

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