


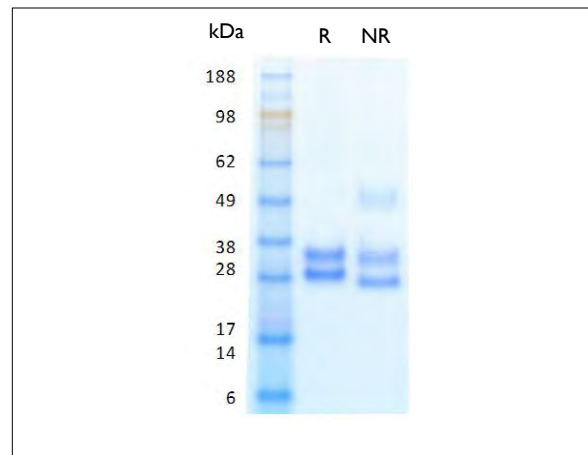
## Recombinant Human IL-29

### Product Description

- Endotoxin-free\*
- Animal-derived product free
- Available in Bulk
- High Activity

Xeno-free human IL-29<sup>HuXp</sup> (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%.

 All HumaXpress<sup>®</sup> HumanKine<sup>™</sup> cytokines are animal-component-free and Xeno-free<sup>™</sup>



### Typical Specifications

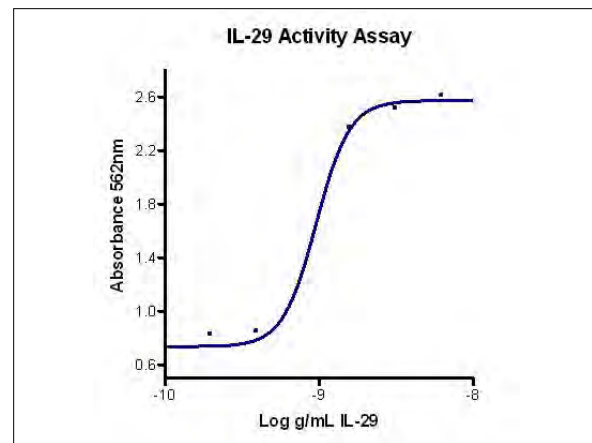
<b>Species</b>	Human
<b>Expression</b>	HEK293 Cell Expressed
<b>Activity</b>	Typically $\leq 5$ ng/mL EC <sub>50</sub>
<b>Purity</b>	>95%
<b>Endotoxin</b>	<1 EU/ $\mu$ g
<b>Molecular Mass</b>	29 and 35 kDa, monomer, glycosylated
<b>Formulation</b>	1x PBS

### 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.



### 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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