

Recombinant Human IL-29

Catalog Number: **HZ-1156**

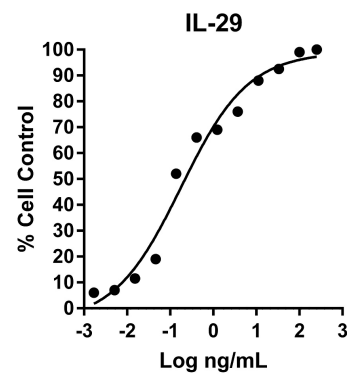
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	human
Expression	HEK293
Activity	Typically ≤ 5 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	29 and 35 kDa, monomer, glycosylated
Formulation	1x PBS, See Certificate of Analysis for details
Gene ID	282618



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 using crystal violet staining as a read-out.

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

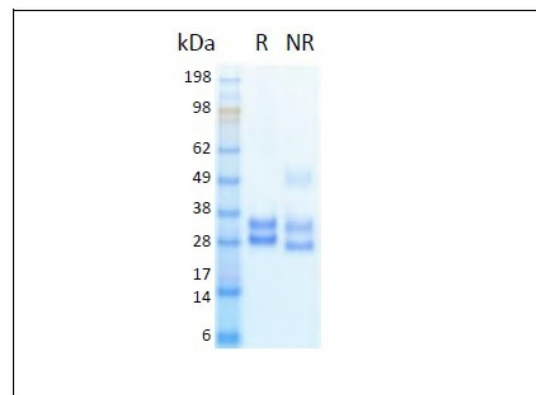
Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Product Description

Animal-free Recombinant Human IL-29 (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%.

Synonyms

Cytokine Zcyto21, IFN lambda 1, IFNL1, IL 29, IL29, IL-29, Interferon lambda 1, Interleukin 29, ZCYTO21



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

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or
1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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