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## Datasheet for ABIN7505594 IL29 Protein (AA 1-200)

### Overview

Quantity:	100 µg
Target:	IL29
Protein Characteristics:	AA 1-200
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

### Product Details

Sequence:	Met1-Thr200
Characteristics:	A DNA sequence encoding the Human IL-29 Protein(Q8IU54)(1-200)was expressed with a polyhistidine tag at the N-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

### Target Details

Target:	IL29
Alternative Name:	IL-29 ( <a href="#">IL29 Products</a> )
Background:	Background: Cytokine with antiviral, antitumour and immunomodulatory activities. Plays a critical role in the antiviral host defense, predominantly in the epithelial tissues. Acts as a ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1, and receptor engagement leads to the activation of the JAK/STAT signaling pathway resulting in the

## Target Details

expression of IFN-stimulated genes (ISG), which mediate the antiviral state. Has a restricted receptor distribution and therefore restricted targets: is primarily active in epithelial cells and this cell type-selective action is because of the epithelial cell-specific expression of its receptor IFNLR1. Exerts an immunomodulatory effect by up-regulating MHC class I antigen expression. Synonym: Interferon lambda-1,IFN-lambda-1, cytokine Zcyto21, Interleukin-29, IL29, IFNL1, ZCYTO21

Molecular Weight: 22 kDa

UniProt: [Q8IU54](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4., 5 % trehalose, 5 % mannitol, 0.01 % tween-80.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months