

[Go to Product page](#)

Datasheet for ABIN7319966 IL29 Protein

Overview

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

Product Details

Purpose:	Recombinant Human IL-29 Protein
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 as determined by the LAL method.

Target Details

Target:	IL29
Alternative Name:	IL-29 (IL29 Products)
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

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.5, 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.