

## HUMAN IL-29 (C-10HIS) PROTEIN

货号: 12065

产品全名: 人 IL-29 (C-10His) 蛋白

规格: 10/50/100 µg

基因符号 Interferon lambda-1;IFN-lambda-1;Cytokine  
Zcyto21;Interleukin-29;IL-29;IFNL1;IL29;ZCYTO21

目标蛋白: IL-29

**UNIPROT ID:** Q8IU54

**描述:** Recombinant Human Interferon Lambda-1 is produced by our Mammalian expression system and the target gene encoding Gly20–Thr200 is expressed with a 10His tag at the C-terminus.

**背景:** Interleukin-29 (IL-29) is a secreted protein which belongs to the IL-28/IL-29 family. IL-29 is a cytokine with immunomodulatory activity. IL-29 is highly similar in amino acid sequence to the IL-28. IL-28 and IL-29 are induced by viral infection and showed antiviral activity. IL-28 and IL-29 interacted with a heterodimeric class II cytokine receptor that consisted of IL-10 receptor beta (IL-10R beta) and an orphan class II receptor chain, designated IL-28R alpha. IL-29 plays an important role in host defenses against microbes and its gene is highly upregulated in cells infected with viruses. IL-29 may play a role in antiviral immunity. IL-29 up-regulates MHC class I antigen expression. It is a Ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IL28RA. The ligand/receptor complex seems to signal through the Jak-STAT pathway.

**物种/宿主:** HEK293

**分子量:** 21.4 KDa

**分子特征:** Not available

**纯化:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



# Product Description

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