

Recombinant Human Interleukin 29 (interferon, lambda 1)

Cat. No. IL29-602H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL29 was expressed in HEK 293 cells.
Species	Human
Source	HEK293
Description	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%.
Purity	>95% The protein was resolved by SDS polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.
Molecular Weight	29 and 35 kDa monomer, glycosylated.
Endotoxin	Endotoxin Free <1 EU/ug
Biological Activity	0.5 to 5 ng/mL ED50
Specific Activity	The specific 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.
Official Symbol	IL29

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GENE INFORMATION

Gene Name	IL29 interleukin 29(interferon, lambda 1) [Homo sapiens]
Synonyms	IL29; interleukin 29(interferon, lambda 1); IFNL1; IL-29; interleukin-29; IFN-lambda-1; cytokineZcyto21; interferon lambda-1; interferon, lambda 1
Gene ID	282618
mRNA Refseq	NM_172140
Protein Refseq	NP_742152
MIM	607403
UniProt ID	Q8IU54
Chromosome Location	19q13.13
Pathway	Jak-STAT signalingpathway; Cytokine-cytokine receptor interaction
Function	cytokine activity; interleukin-28receptor binding; receptor binding

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