

# Recombinant Human Interleukin 29 (interferon, lambda 1)

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

## SPECIFICATION

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

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## GENE INFORMATION

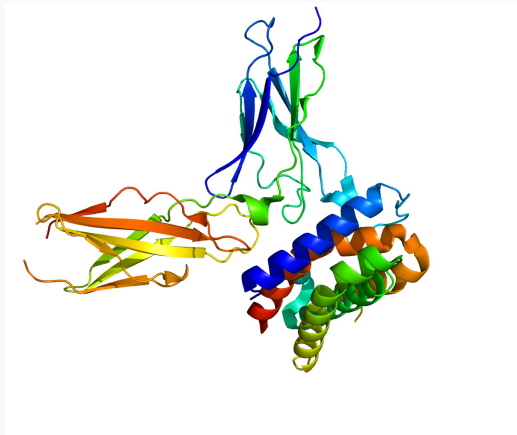
<b>Gene Name</b>	IL29 interleukin 29(interferon, lambda 1) [ Homo sapiens ]
<b>Synonyms</b>	IL29; interleukin 29(interferon, lambda 1); IFNL1; IL-29; interleukin-29; IFN-lambda-1; cytokineZcyto21; interferon lambda-1; interferon, lambda 1
<b>Gene ID</b>	282618
<b>mRNA Refseq</b>	NM_172140
<b>Protein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

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