Active Recombinant Human IL29, HIgG1 Fc-tagged, mutant

Cat. No. IL29-002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human IL-29 (AAI17483.1)(Gly20-Thr200) is fused to the N-terminus of the Fc region of a mutant human IgG1 was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	20-200 a.a.
Description	This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 28B (IL28B) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA).
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured in an anti-viral assay.
Molecular Mass	46KDa (monomer)
AA Sequence	Gly20-Thr200

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	IL29 interleukin 29 (interferon, lambda 1) [Homo sapiens]
Official Symbol	IL29
Synonyms	IL29; interleukin 29 (interferon, lambda 1); interleukin 29; interleukin-29; IFNL1; IL 29; IFN-lambda-1; cytokine Zcyto21; interferon lambda-1; interferon-lambda-1; interferon, lambda 1; IL-29;
Gene ID	282618
mRNA Refseq	NM_172140
Protein Refseq	NP_742152
MIM	607403
UniProt ID	Q8IU54

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Chromosome Location	19q13.13
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;
Function	cytokine activity; interleukin-28 receptor binding; receptor binding;

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