

Recombinant Human IL29 Protein

Cat. No. IL29-513H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL29 protein
Species	Human
ProteinLength	200
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
AA Sequence	MAAAWTVVLVTLVLGLAVAGPVPTSKPTTTGKGCHIGRFKSLSPQELASFKKARDAL EESLKLKNWSCSSPVFPGNWDLRLLQVRERPVALEAELATLKVLEAAAGPALEDVL DQPLHTLHHILSQLQACIQPQPTAGPRPRGRLLHHLHRLQEAPKKESAGCLEASVT FNLFRLLTRDLKYVADGNLCLRTSTHPEST
Purity	> 98%
Applications	WB; ELISA; FACS; FC

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Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	IL29 interleukin 29 (interferon, lambda 1) [Homo sapiens (human)]
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

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UniProt ID

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