

IL29 (Human) Recombinant protein

Catalog # P8819

Size 20 ug

Specification

Product Description	Human IL29 (Q8IU54, 20 a.a. - 200 a.a) partial recombinant protein with His tag at N-terminal expressed in <i>Escherichia Coli</i> .
Sequence	MGSSHHHHHH SSGLVPRGSH MGS HMGPVPT SKPTTTGKGC HIGRFKSLSP QELASFKKAR D ALEESLKLK NWSCSSPVFP GNWDLRLQV RERPVALEAE LALTLKVLEA AAGPALEDVL DQ PLHTLHHI LSQ LQACIQP QPTAGPRPRG RLHHWLHRLQ EAPKKESAGC LEASVTFNLF RLLTR DLKYV ADGNLCLRTS THPEST.
Host	Escherichia coli
Theoretical MW (kDa)	22.7
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 85% by SDS-PAGE.
Storage Buffer	In 20mM Tris-HCl, pH 8.0 and 10% glycerol
Storage Instruction	Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — IL29

Entrez GeneID [282618](#)Protein Accession# [Q8IU54](#)

Gene Name	IL29
Gene Alias	IFNL1, IL-29
Gene Description	interleukin 29 (interferon, lambda 1)
Omim ID	607403
Gene Ontology	Hyperlink
Gene Summary	<p>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). [provided by RefSeq]</p>
Other Designations	interferon, lambda 1 interleukin 29

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)