

# IL29 (Human) Recombinant protein

Catalog # P8818

Size 20 ug

## Specification

|                             |  |
|-----------------------------|--|
| <b>Product Description</b>  | Human IL29 (Q8IU54) recombinant protein expressed in <i>Escherichia Coli</i> .   |
| <b>Sequence</b>             | GPVPTSKPTTT GKGCHIGRFK SLSPQELASF KKARDALEES LKLKNWSCSS PVFPGNWDLR L LQVRERPVA LEAELALTLK VLEAAAGPAL EDVLDQPLHTLHHILSQLQA CIQPQPTAGP RPRGR LHHWL HRLQEAPKKE SAGCLEASVT FNLFRLLTRD LKYVADGNLC LRTSTHPEST.   |
| <b>Host</b>                 | Escherichia coli   |
| <b>Theoretical MW (kDa)</b> | 20   |
| <b>Form</b>                 | Lyophilized  |
| <b>Preparation Method</b>   | <i>Escherichia coli</i> expression system  |
| <b>Purity</b>               | > 90% by SDS-PAGE.<br>> 90% by RP-HPLC.  |
| <b>Storage Buffer</b>       | Lyophilized from with no additives   |
| <b>Storage Instruction</b>  | Lyophilized although stable at room temperature for 3 weeks. should be stored desiccated below -20 °C. Upon reconstitution should be stored at 4°C between 2-7 days and for future use below -20°C. F or 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            | <a href="#">607403</a>  |
| Gene Ontology      | <a href="#">Hyperlink</a>   |
| 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](#)