

## Product datasheet for **AR51775PU-N**

### Interleukin-29 / IL29 (20-200, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Interleukin-29 / IL29 (20-200, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMGPVPT SKPTTTGKGC HIGRFKSLSP QELASFKKAR DALEESLKLK NWSCSSPVFP GNWDLRLLQV RERPVALEAE LALTLKVLEA AAGPALEDVL DQPLHTLHHI LSQLQACIQP QPTAGPRPRG RLHHWLHRLQ EAPKKESAGC LEASVTFNLF RLLTRDLKYV ADGNLCLRTS THPEST
Tag:	His-tag
Predicted MW:	22.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: Liquid, In 20 mM Tris-HCl (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IFNL1, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_742152</a>
Locus ID:	282618
UniProt ID:	<a href="#">Q8IU54</a>
Cytogenetics:	19q13.2
Synonyms:	Interferon lambda-1, ZCYTO21, IFNL1



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**Summary:**

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, Jul 2008]

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:**

Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

**Product images:**