

# **Product datasheet for AR51775PU-N**

#### OriGene Technologies, Inc.

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## 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-tagPredicted MW:22.7 kDaConcentration: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:
 NP 742152

 Locus ID:
 282618

 UniProt ID:
 Q8IU54

 Cytogenetics:
 19q13.2

Synonyms: Interferon lambda-1, ZCYTO21, IFNL1





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.

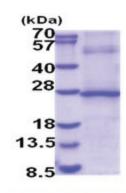
Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha

(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:**



15% SDS-PAGE (3ug)