

# Product datasheet for AR51900PU-N

# OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## Interleukin-28B (22-196, His-tag) Human Protein

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Interleukin-28B (22-196, His-tag) human recombinant protein, 0.25 mg

Species: Human

**Expression cDNA Clone** 

or AA Sequence:

VPVARLRGAL PDARGCHIAQ FKSLSPQELQ AFKRAKDALE ESLLLKDCKC RSRLFPRTWD LRQLQVRERP VALEAELALT LKVLEATADT DPALGDVLDQ PLHTLHHILS QLRACIQPQP

TAGPRTRGRL HHWLHRLQEA PKKESPGCLE ASVTFNLFRL LTRDLNCVAS GDLCVHHHHH H

Tag: His-tag

Predicted MW: 20.4 kDa

**Concentration:** lot specific

Purity: >85% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffered saline (pH 7.4) containing 20% Glycerol, 1 mM EDTA, 0.1

mM PMSF

**Endotoxin:** < 1.0 EU per 1 microgram of protein (determined by LAL method)

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human IFNL3, fused to His-tag at C-terminus, was expressed in insect cell and

purified by using conventional chromatography techniques.

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.

**RefSeg:** NP 001333866

 Locus ID:
 282617

 UniProt ID:
 Q8IZI9

 Cytogenetics:
 19q13.2

Synonyms: Il28b, Ifnl3, Il28, Interferon lambda-3, IFN-lambda-3





**Summary:** 

This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 29 (IL29) 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]

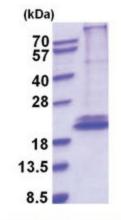
**Protein Families:** 

Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:** 

Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

# **Product images:**



15% SDS-PAGE (3ug)