

Product datasheet for **AR51900PU-N**

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 ELLLLKDCKC RSRLFPRPWD 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.
RefSeq:	NP_001333866
Locus ID:	282617
UniProt ID:	Q8IZI9 , A0A0C4DGW8
Cytogenetics:	19q13.2
Synonyms:	IFN-lambda-3; IFN-lambda-4; IL-28B; IL-28C; IL28B; IL28C



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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 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: