

Recombinant Human IFNL1 Protein, His-tagged

Cat. No. IFNL1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IFNL1 (20-200aa, 187aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	20-200 a.a.
Description	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).
Form	Liquid
Molecular Mass	20.8 kDa
AA Sequence	GPVPTSKPTTTGKGCHIGRFKSLSPQELASFKKARDALEESLKLKNWSCSSPVFPG NWDLRLLQVRERPVALEAELATLKVLEAAAGPALEDVLDQPLHTLHHILSQLQACIQ PQPTAGPRPRGRLLHHLHRLQEAPKKESAGCLEASVTFNLFRLLTRDLKYVADGNL

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	CLRTSTHPESTHHHHHH
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	IFNL1 interferon lambda 1 [Homo sapiens (human)]
Official Symbol	IFNL1
Synonyms	IFNL1; interferon lambda 1; IL29; IL-29; interferon lambda-1; IFN-lambda-1; cytokine Zcyto21; interleukin 29 (interferon, lambda 1); interleukin-29
Gene ID	282618
mRNA Refseq	NM_172140
Protein Refseq	NP_742152
MIM	607403

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UniProt ID

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