

Recombinant Human IFNL3, His-tagged

Cat. No. IFNL3-60H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IFNL3, 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	22-196 aa
Description	IFNL3, also known as Interferon lambda-3, is a secreted protein which belongs to the IL-28/IL-29 family. It is a cytokine with immunomodulatory activity. It up-regulates MHC class I antigen expression. This protein displays potent antiviral activity and antitumor activity. It seems to signal through the Jak-STAT pathway. It also contributes to viral resistance and is known to be upregulated by interferons and by RNA virus infection.
Form	Liquid. In phosphate buffered saline (pH 7.4) containing 20% glycerol, 1mM EDTA, 0.1mM PMSF.
Molecular Mass	20.4kDa (181aa) 18-28kDa (SDS-PAGE under reducing conditions.)
AA Sequence	VPVARLRGAL PDARGCHIAQ FKSLSPQELQ AFKRAKDALE ELLLLKDCKC RSRLFPRPWD LRQLQVRERP VALEAELALT LKVLEATADT DPALGDVLDQ PLHTLHHILS QLRACIQPQP TAGPRTRGRL HHWLHRLQEA PKKESPGCLE ASVTFNLFRL LTRDLNCVAS GDLCVHHHHH H

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Endotoxin	< 1.0 eu per 1 microgram of protein (determined by lal)
Purity	>85% by SDS - PAGE.
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Bradford assay)

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