

Product information

IFNL3, 22-196aa

Human, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3080

Full name: Interferon lambda-3

NCBI Accession No.: NP_742151

Synonyms: IL-28B, IL28B, IL28C

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. Recombinant human IFNL3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

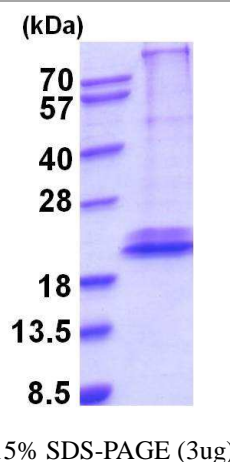
Form: Liquid. In phosphate buffered saline (pH 7.4) containing 20% glycerol, 1mM EDTA, 0.1mM PMSF.

Molecular Weight: 20.4kDa (181aa)
18-28kDa (SDS-PAGE under reducing conditions.)

Purity: > 85% by SDS – PAGE.

Concentration: 0.25mg/ml (determined by Bradford assay)

Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)



Sequences of amino acids:

VPVARLRGAL PDARGCHIAQ FKSLSPPQELQ AFKRAKDALE ESKLLKDKCK RSRLFPRPTWD LRQLQVRERP VALEAELALT LKVLEATADT
DPALGDVLDQ PLHTLHHILS QLRACIQPQP TAGPRTRGRL HHWLHRLQEA PKKESPGCLE ASVTFLNLFRL LTRDLNCVAS GDLCVHHHHH
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General references:

Kamal SM. *et al.* (2014) *Am J Gastroenterol.* 109(2):199-211.

Frizon K. *et al.* (2014) *Braz J Infect Dis.* 18(2):229-30.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.