

IFNL3, 22-196aa , Human, His tag, Insect cell

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3th Edition

Synonyms: Interferon lambda-3 , 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.)

Sequences:

VPVARLRGALPDARGCHIAQFKSLSPQELQAFKRAKDALEESLLKDKCKRSRLFPRTWDLRQLQVRERPVALEAE
LALTLKVLEATADTDPALGDVLDQPLHTLHHILSQLRACIQPQPTAGPRTRGRLHHWLHRLQEAPKKESPGCLEASV
TFNLFRLLTRDLNLCVASGDLCVHHHHHH

Purity: > 95% by HPLC

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

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

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.