

IFNL2, 26-200aa Human, His tag, E.coli

Cat.NO.: TP02577

3th Edition

Synonyms: Interferon lambda-2, Interferon, lambda 2, IL-28A, IL28A

Description: IFNL2, also known as Interleukin 28A (IL28A), is a cytokine distantly related to type I interferons and the IL-10 family. Interleukin 28A (IL28A), Interleukin 28B (IL28B), 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). Recombinant human IFNL2 protein, fused to His-tag at N-terminus, was expressed in E.coli .

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

Molecular Weight: 22.1 kDa (198aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSPVVARLHGALPDARGCHIAQFKSLSPQELQAFKRAKDALEESLLLKDCRCHS
RLFPRTWDLRQLQVRRERPMALAEALATLKVLEATADTDPALVDVLDQPLHTLHHILSQFRACIQPQPTAGPRTRGR
LHHWLYRLQEAPKKESPGCLEASVTFNLFRLLTRDLNLCVASGDLCV

Purity: > 95% by HPLC

Concentration: 0.5 mg/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.