

IFNL1, 20-200aa, Human, His tag, E.coli

Cat.NO.: TP02576

3th Edition

Synonyms: Interferon lambda-1, IL-29, IL29

Description: IFNL1 also known as Interferon lambda-1. This protein is cytokine with immunomodulatory activity and may play a role in antiviral immunity. It is ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1. The ligand/receptor complex seems to signal through the Jak-STAT pathway. Recombinant human IFNL1, fused to His-tag at N-terminus, was expressed in E.coli.

Form: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

Molecular Weight: 22.7kDa (206aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMGVPVPTSKPTTTGKGCHIGRFKSLSPQELASFKKARDALEESLKLKNWSC
SSPVFPGNWDLRLLQVRERPVALEAELALTLKVLEAAAGPALEDVLDQPLHTLHHILSQLQACIQPQPTAGPRPRGR
LHHWLHRLQEAPKKESAGCLEASVTFNLFRLLTRDLKYVADGNLCLRTSTHPEST

Purity: > 95% by HPLC

Concentration: 1mg/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.