

AR51775PU-N

Human Interleukin-29 / IL29 (20-200, His-tag) - Purified

Alternate names:

IFNL1, Interferon lambda-1, ZCYTO21

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q8IU54](#)

NCBI:

[NP_742152](#)

GeneID:

[282618](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

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

Description:

Recombinant human IFNL1, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSHMGVPPT SKPTTTGKGC HIGRFKSLSP QELASFKKAR
DALEESLKLK NWSCSSPVFP GNWDLRLQV RERPVALEAE LALTLKVLEA AAGPALEDVL
DQPLHTLHHI LSQIQACIQP QPTAGPRPRG RLHHWLHRLQ EAPKKESAGC LEASVTFNLF
RLLTRDLKYV ADGNLCLRTS THPEST

Molecular weight: 22.7 kDa (206aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Kotenko S.V., et al. (2003) Nat. Immunol, 4:69-77

Pictures:

