

Recombinant human IL-29/IFNL1 protein

Catalog Number: ATGP2955

PRODUCT INFORMATION

Expression system

E.coli

Domain

20-200aa

UniProt No.

Q8IU54

NCBI Accession No.

NP_742152

Alternative Names

Interferon lambda 1, IFN-lambda-1, Cytokine Zcyto21, ZCYTO21, Interleukin-29, IL-29

PRODUCT SPECIFICATION

Molecular Weight

22.7 kDa (206aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSHMGPVPT SKPTTTGKGC HIGRFKSLSP QELASFKKAR DALEESLKLK NWSCSSPVFP

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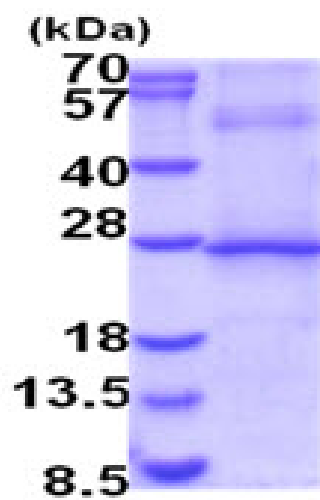
GNWDLRLLQV RERPVALEAE LALTLKVLEA AAGPALEDVL DQPLHTLHHI LSQLQACIQP QPTAGPRPRG RLHHWLHRLQ
EAPKKESAGC LEASVTFNLF RLLTRDLKYV ADGNLCLRTS THPEST

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)