

Recombinant human IL-34 protein

Catalog Number: ATGP1990

PRODUCT INFORMATION

Expression system

E.coli

Domain

21-242aa

UniProt No.

Q6ZMJ4

NCBI Accession No.

NP_689669.1

Alternative Names

Interleukin-34 isoform 1, IL34, C16orf77, IL-34

PRODUCT SPECIFICATION

Molecular Weight

29.6 kDa (260aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

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

IL34, also known as Interleukin 34, is a protein belonging to a group of cytokines called interleukins. This protein increases growth or survival of immune cells known as monocytes; it elicits its activity by binding the Colony stimulating factor 1 receptor. It also has a potential role in viral infection, the adaptive immune response and bone marrow cell proliferation. Recombinant human IL34 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

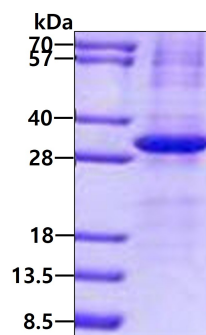
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LTDVEVSPKV ESVLSLLNAP GPNLKLVRPK ALLDNCFRVM ELLYCSCCKQ SSVLNWQDCE VPSPQSCSPE PSLQYAATQL
YPPPPWSPSS PPHSTGSVRP VRAQGEGLLP

General References

Lin H. et al. (2008) Science. 320:807-811.
Wang Y. et al. (2012) Nat Immunol. 13:753-760.

DATA

SDS-PAGE



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