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Recombinant mouse IL-34 protein

Catalog Number: ATGP2951

PRODUCT INFORMATION

Expression system
E.coli

Domain
21-235aa

UniProt No.
Q8R1R4

NCBI Accession No.
NP_001128572

Alternative Names
Interleukin-34, 2010004A03Rik

PRODUCT SPECIFICATION

Molecular Weight
26.8 kDa (236aa)

Concentration
0.5mg/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
IL34 is a cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. This protein promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. It plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1. Recombinant Mouse IL34 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

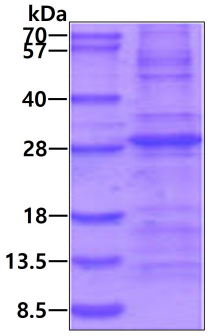
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General References

Greter M,et al. (2012) Immunity 37 (6), 1050-1060

DATA

SDS-PAGE



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