

Recombinant Human IL34 protein, His-Avi-tagged

Cat. No. IL34-064H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human IL-34 Protein is expressed from mammalian with His and Avi Tag at the C-terminal. It contains Asn21-Pro242.
Species	Human
Source	HEK293
ProteinLength	Asn21-Pro242
Description	Interleukin 34 (IL-34; also known as uncharacterized protein C16orf77) is secreted as a homodimer consisting of 39 kDa monomers. It belongs to no known cytokine family. Interleukin 34 is cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. 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.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 28.1KDa.
Endotoxin	Less than 1EU per ug by the LAL method.

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Storage The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name IL34 interleukin 34 [Homo sapiens (human)]

Official Symbol IL34

Synonyms C16orf77; IL34; IL-34; interleukin 34

Gene ID 146433

mRNA Refseq NM_001172771.2

Protein Refseq NP_001166242.1

MIM 612081

UniProt ID Q6ZMJ4

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