# Recombinant Human IL34 protein, His-Avi-tagged

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

## SPECIFICATION

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| **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

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| **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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