

# Recombinant Human IL34 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** IL34-053H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | IL34 MS Standard C13 and N15-labeled recombinant protein (NP_689669) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | Interleukin-34 is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor.                                                                                                                                        |
| <b>Molecular Mass</b>   | 27.5 kDa                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MPRGFTWLRYLGI FLGVALGNEPLEMWPLTQNEECTVTGFLRDKLQYRSRLQYMK<br>HYFPINYKISVPYEGVFRIANVTRLQRAQVSERELRYLWVLVLSLATESVQDVLLEGH<br>PSWKYLQEVQTLLLNVQQGLTDVEVSPKVESVLSLLNAPGPNLKLVRPKALLDNCFR<br>VMELLYCSCCKQSSVLNWQDCEVPSPQSCSPEPSLQYAATQLYPPPPWSPSSPPH<br>STGSVRPVRAQGEGLLPTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                        |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                         |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                        |

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**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

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

**Official Symbol** IL34

**Synonyms** IL34; interleukin 34; C16orf77; IL-34; interleukin-34

**Gene ID** 146433

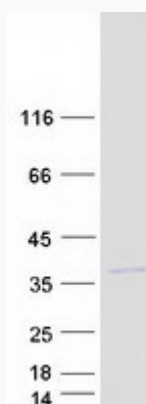
**mRNA Refseq** NM\_152456

**Protein Refseq** NP\_689669

**MIM** 612081

**UniProt ID** Q6ZMJ4

## SDS-PAGE



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