

Recombinant Human IL34 Protein, His-tagged

Cat. No. IL34-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL34 (21-242aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	21-242 a.a.
Description	IL34, also known as interleukin-34 isoform 1, is a secreted cytokine. This protein is expressed in a variety of tissues richest in the spleen and stimulates the proliferation of monocytes. In a functional study, IL-34, such as CSF-1, another ligand for CSF-1R, stimulated phosphorylation of extracellular signal-regulated kinase-1 and -2 (ERK1 / 2) in human monocytes. In addition, it promoted the formation of macrophage precursor colonization units-macrophages (CFU-M) in human bone marrow cultures.
Form	Liquid
Molecular Mass	26.3 kDa
N-terminal Sequence Analysis	Ala
Endotoxin	< 1.0 EU per 1 µg of protein (determined by LAL method)

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Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	In 20mM Tris-Hcl buffer (pH 8.5) containing 1mM DTT, 0.15M NaCl, 01mM PMSF, 1mM EDTA, 30% glycerol.
Warning	For research use only. This product is not intended or approved for human, diagnostics or veterin
AA Sequence	ADPNEPLEMWPLTQNEECTVTGFLRDKLQYRSRLQYMKHYFPINYKISVPYEGVFRI ANVTRLQRAQVSERELRYLWVLVLSATESVQDVLLLEGHPSWKYLQEVQTLLLNVQ QGLTDVEVSPKVESVLSLLNAPGPNLKLVRPKALLDNCFRVMELLYCSCCKQSSVLN WQDCEVPSPQSCSPEPSLQYAATQLYPPPPWSPSSPPHSTGSRPVRAQGEGLLP HHHHHH

GENE INFORMATION

Gene Name	IL34 interleukin 34 [Homo sapiens (human)]
Official Symbol	IL34
Synonyms	IL34; interleukin 34; IL-34; C16orf77; interleukin-34
Gene ID	146433
mRNA Refseq	NM_152456

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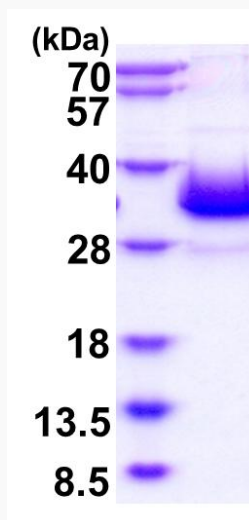
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Protein Refseq NP_689669

MIM 612081

UniProt ID Q6ZMJ4

SDS-PAGE



15% SDS-PAGE (3 µg)

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