Recombinant Human IL34, His-tagged

Cat. No. IL34-7546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL34 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	21-242aa
Antigen Description	IL34, also known as Interleukin 34, is a protein belonging to a group of cytokines called interleukins. This protein increases growth or survival of immune cells known as monocytes; it elicits its activity by binding the Colony stimulating factor 1 receptor. It also has a potential role in viral infection, the adaptive immune response and bone marrow cell proliferation.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	29.6 kDa(260aa)
AA Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMNE PLEMWPLTQN EECTVTGFLR DKLQYRSRLQ YMKHYFPINY KISVPYEGVF RIANVTRLQR AQVSERELRY LWVLVSLSAT ESVQDVLLEG HPSWKYLQEV QTLLLNVQQG LTDVEVSPKV ESVLSLLNAP GPNLKLVRPK ALLDNCFRVM ELLYCSCCKQ SSVLNWQDCE VPSPQSCSPE PSLQYAATQL YPPPPWSPSS PPHSTGSVRP VRAQGEGLLP

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Purity	>85% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml

GENE INFORMATION

Gene Name	IL34 interleukin 34 [Homo sapiens]
Official Symbol	IL34
Synonyms	IL34; interleukin 34; C16orf77, chromosome 16 open reading frame 77; interleukin-34; IL 34; MGC34647; IL-34; C16orf77;
Gene ID	146433
mRNA Refseq	NM_001172771
Protein Refseq	NP_001166242
MIM	612081
UniProt ID	Q6ZMJ4
Chromosome Location	16q22.1
Function	cytokine activity; growth factor activity; macrophage colony-stimulating factor receptor

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