

Recombinant Active Human IL34 Protein, His-tagged(C-ter)

Cat. No. IL34-193H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Active Human IL34 Protein with His tag (C-ter) was expressed in E. coli.
Species	Human
Source	E.coli
Description	Interleukin-34 is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor (CSF1R; MIM 164770) (Lin et al., 2008 [PubMed 18467591]).[supplied by OMIM, May 2008]
Form	Powder
Bio-activity	Determined by its ability to induce human peripheral blood monocytes (PBMCs) proliferation. The ED50 for this effect is < 30 pg/ml.
AA Sequence	MNEPLEMWPLTQNEECTVTGFLRDKLQYRSRLQYMKHYFPINYKISVPYEGVFRIAN VTRLQRAQVSERELRYLWVLVLSLATESVQDVLLEGHPSPWKYLQEVETLLLNVQQG LTDVEVSPKVESVLSLLNAPGPNLKLVRPKALLDNCFRVMELLYCSCCKQSSVLNW QDCEVPSPQSCSPEPSLQYAATQLYPPPPWSPSSPPHSTGSRPVRAQGEGLLP
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Applications	SDS-PAGE

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Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

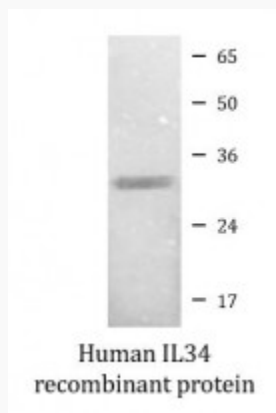
GENE INFORMATION

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

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