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# IL-34 Protein (His tag)



#### Overview

Quantity:	100 μg
Target:	IL-34 (IL34)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-34 protein is labelled with His tag.

#### **Product Details**

Purpose:	Recombinant Human IL-34 Protein
Sequence:	NEPLEMWPLT QNEECTVTGF LRDKLQYRSR LQYMKHYFPI NYKISVPYEG VFRIANVTRL
	QRAQVSEREL RYLWVLVSLS ATESVQDVLL EGHPSWKYLQ EVETLLLNVQ QGLTDVEVSP
	KVESVLSLLN APGPNLKLVR PKALLDNCFR VMELLYCSCC KQSSVLNWQD CEVPSPQSCS
	PEPSLQYAAT QLYPPPPWSP SSPPHSTGSV RPVRAQGEGL LP
Specificity:	Asn21-Pro242
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.01EU/µg

## **Target Details**

Target:	IL-34 (IL34)
Alternative Name:	IL-34 (IL34 Products)

## **Target Details**

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Background:	Description: nterleukins (IL) are a group of cytokines that play an important role in the immune system. They modulate inflammation and immunity by regulating growth, mobility and differentiation of lymphoid and other cells. This entry represents interleukin-34 (IL-34), it was identified via functional screening of a library of secreted proteins [1]. This cytokine promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor (CSF1R)  Name: IL-34, C16orf77,IL34
Gene ID:	146433
UniProt:	Q6ZMJ4
Pathways:	RTK Signaling
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Concentration:	0.4 mg/mL
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.