

Active Recombinant Human IL34 protein, His-Avi-tagged, Biotinylated

Cat. No. IL34-1570H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL34 protein(Asn21-Pro242), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-242 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Human M-CSF R, Fc Tag, low endotoxin at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-34, His,Avitag with a linear range of 0.2-10 ng/mL.Immobilized Human M-CSF R, Mouse IgG2a Fc Tag (MALS verified) at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-34, His,Avitag with a linear range of 0.2-10 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 29.0 kDa. The protein migrates as 33-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asn21-Pro242
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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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