

Recombinant Human IL34 protein, His-tagged

Cat. No. IL34-2141H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL34 protein(Q6ZMJ4-1)(Asn 21 - Pro 242), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asn 21 - Pro 242
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.2 M Arginine, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human M-CSF R, Mouse IgG2a Fc Tag (MALS verified) at 5 µg/mL (100 µL/well) can bind Human IL-34, His Tag with a linear range of 0.4-2 ng/mL.
Molecular Mass	The protein has a calculated MW of 27.3 kDa. The protein migrates as 32 kDa and 35-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles.

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This product is stable after storage 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.

GENE INFORMATION

Gene Name	IL34 interleukin 34 [Homo sapiens]
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Official Symbol	IL34
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Synonyms	IL34; interleukin 34; C16orf77, chromosome 16 open reading frame 77; interleukin-34; IL 34; MGC34647; IL-34; C16orf77;
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Gene ID	146433
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mRNA Refseq	NM_001172771
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Protein Refseq	NP_001166242
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MIM	612081
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UniProt ID	Q6ZMJ4
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