

Active Recombinant Human IL34 protein, His-tagged

Cat. No. IL34-180H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL34 protein(AAH29804.1)(Met1-Pro242), fused with His tag, was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Met1-Pro242
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using human peripheral blood mononuclear cell. The ED50 for this effect is 2-8 ng/mL.
Molecular Mass	The recombinant human IL34 consists of 233 amino acids and predicts a molecular mass of 26.7 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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]

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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