

Active Recombinant Mouse IL34 protein, His-tagged

Cat. No. IL34-151M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL34 protein(Met1-Pro235), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-235 aa
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	1. Immobilized Recombinant Rat CSF1R / MCSF Receptor / CD115 Protein (Fc Tag) at 2 µg/ml (100 µl/well) can bind Recombinant Mouse IL-34 Protein (His Tag), the EC50 is 1.5-4.5 ng/mL. 2. Measured in a cell proliferation assay using M-NFS-60 mouse myeloid cells. The ED50 for this effect is typically 50-200 ng/mL.
Molecular Mass	26 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the

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date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name IL34 interleukin 34 [*Mus musculus*]

Official Symbol IL34

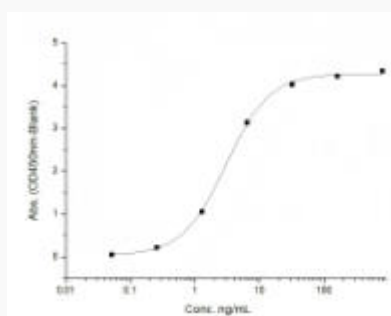
Synonyms IL34; interleukin 34; interleukin-34; IL-34; AI593503; 2010004A03Rik;

Gene ID 76527

mRNA Refseq NM_001135100

Protein Refseq NP_001128572

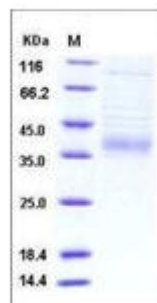
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SDS-PAGE

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