

Recombinant Mouse Il34 Protein, His-tagged

Cat. No. IL34-1039M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il34 Protein (Asn21-Pro235) with His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Asn21-Pro235
Description	Predicted to enable cytokine activity; identical protein binding activity; and macrophage colony-stimulating factor receptor binding activity. Involved in microglial cell proliferation; positive regulation of gene expression; and positive regulation of oligodendrocyte differentiation. Predicted to be located in extracellular region. Predicted to be active in extracellular space. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and mammary gland. Orthologous to human IL34 (interleukin 34).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.2 kDa; Accurate Molecular Mass: 40 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	IL34 interleukin 34 [<i>Mus musculus</i> (house mouse)]
Official Symbol	IL34
Synonyms	IL34; interleukin 34; interleukin-34; IL-34; AI593503; 2010004A03Rik;
Gene ID	76527
mRNA Refseq	NM_001135100
Protein Refseq	NP_001128572
UniProt ID	Q8R1R4

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