

Recombinant Mouse IL17a, His-tagged

Cat. No. IL17a-334M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse IL-17A (aa 22-158) is fused at the N-terminus to a His-tag.
Species	Mouse
Source	E.coli
ProteinLength	22-158 a.a.
Description	Interleukin-17 (also known as CTLA-8) is a T cell expressed pleiotropic cytokine that exhibits a high degree of homology to a protein encoded by the ORF13 gene of herpesvirus Saimiri. Both recombinant and natural IL-17 have been shown to exist as disulfide linked homodimers. An IL-17 specific mouse cell surface receptor (IL-17R) has been cloned. While the expression of IL-17 mRNA is restricted to activated alphabetaTCR+CD4-CD8-T cells, the expression of mL-17R mRNA has been detected in virtually all cells and tissues tested. IL-17 exhibits multiple biological activities on a variety of cells including: the induction of IL-6 and IL-8 production in fibroblasts; the enhancement of surface expression of ICAM-1 in fibroblasts; activation of NF-kappaB and costimulation of T cell proliferation.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

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Storage Short Term Storage: +4°C; Long Term Storage: -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name IL17a interleukin 17A [*Mus musculus*]

Official Symbol IL17a

Synonyms IL17A; interleukin 17A; interleukin-17A; cytotoxic T-lymphocyte-associated antigen 8; IL17; Ctl8; IL-17; Ctl8-8; IL-17A;

Gene ID 16171

mRNA Refseq NM_010552

Protein Refseq NP_034682

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, conserved biosystem;

Function cytokine activity;

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