

Active Recombinant Mouse Interleukin 17A, MIgG2a Fc-tagged, mutant

Cat. No. IL17A-588M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse IL-17 (NP_034682.1)(Met1-Leu142) is fused to the N-terminus of the Fc region of a mutant mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	1-142 a.a.
Description	The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokineregulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate theexpression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO).High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoidarthritis, psoriasis and multiple sclerosis.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to induce IL-6 secretion .
Molecular Mass	39KDa (monomer)
AA Sequence	Met1-Leu142

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Endotoxin	<0.06 eu/μg as determined by LAL test.
Purity	>98%, by SDS-PAGE under reducing conditions.
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 .
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	IL17a interleukin 17A [<i>Mus musculus</i>]
Official Symbol	IL17A
Synonyms	IL17A; interleukin 17A; interleukin-17A; cytotoxic T-lymphocyte-associated antigen 8; IL17; CtlA8; IL-17; CtlA-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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