

Active Recombinant Rat IL17a

Cat. No. IL17a-680R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL17a (Accession # NP_001100367) Ala26-Ser158 was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Rat
Source	CHO
ProteinLength	26-158 a.a.
Predicted N Terminal	Ala26 & Val27
Form	Lyophilized from a 0.2 µm filtered solution in sterile PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells. Yao, Z. et al. (1995) Immunity 3:811. The ED50 for this effect is typically 0.25-1.25 ng/mL
Molecular Mass	Recombinant Rat IL17a has a calculated MW of 15 kDa. In SDS-PAGE migrates as 13-22 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 100 µg/mL in PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name IL17a interleukin 17A [*Rattus norvegicus*]

Official Symbol IL17a

Synonyms

IL17A; interleukin 17A; interleukin-17A; cytotoxic T-lymphocyte-associated antigen 8; Interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8); IL17; IL-17; CTLA-8; IL-17A;

Gene ID 301289

mRNA Refseq NM_001106897

Protein Refseq NP_001100367

MIM

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