

## Active Recombinant Mouse IL17A Protein, His-tagged

Cat. No. IL17A-381M Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Mouse IL17A Protein, His-tagged is expressed from human 293 cells (HEK293). It contains AA Ala 26 - Ala 158 (Accession # Q62386-1). Predicted N-terminus: His. This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 15.8 kDa. The protein migrates as 18 kDa, 20-23 kDa and 26 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Species** Mouse

**Source** HEK293

**ProteinLength** Ala 26 - Ala 158

**Form** Lyophilized from 0.22  $\mu$ m filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

**Bio-activity** Recombinant Mouse IL17A Protein, His-tagged at 2  $\mu$ g/mL (100  $\mu$ L/well) can bind Human IL-17 RA, Fc Tag with a linear range of 8-128 ng/mL (QC tested). Recombinant Mouse IL17A Protein, His-tagged stimulates secretion of IL-6 by NIH-3T3 cells. The ED50 for this effect is 2.132-5.005 ng/ml.

**Molecular Mass** 15.8 kDa

**Endotoxin** Less than 1.0 EU per  $\mu$ g by the LAL method.

**Purity** >90% as determined by SDS-PAGE.

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<b>Notes</b>	Please avoid repeated freeze-thaw cycles.
<b>Stability</b>	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

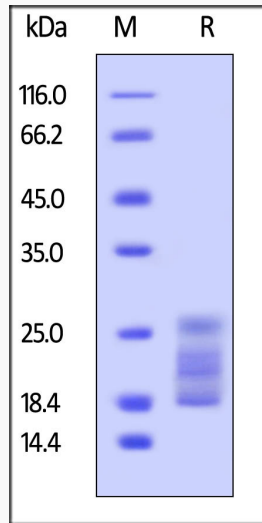
## GENE INFORMATION

<b>Gene Name</b>	IL17a interleukin 17A [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	IL17A
<b>Synonyms</b>	IL17A; interleukin 17A; interleukin-17A; IL17; CtlA8; IL-17; CtlA-8; IL-17A;
<b>Gene ID</b>	16171
<b>mRNA Refseq</b>	NM_010552
<b>Protein Refseq</b>	NP_034682

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