

## Active Recombinant Mouse Il17a protein

Cat. No. Il17a-105M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Il17a protein(Q62386)(Thr22-Ala158) was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr22-Ala158
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	1. Measured by its binding ability in a functional ELISA. Immobilized mouse Il17A at 2 µg/mL (100 µl/well) can bind mouse IL17RA-His, The EC50 of mouse IL17RA-His is 12-45 ng/mL.2. Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 20 ng/mL TNFa. The ED50 for this effect is 0.15-0.6 ng/mL.
<b>Molecular Mass</b>	The recombinant mouse IL17a consists of 138 amino acids and predicts a molecular mass of 15.5 KDa. It migrates as an approximately 16 KDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**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

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