

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 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Recombinant Mouse IL17A Protein, His-tagged at 2 µg/mL (100 µL/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 µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Notes	Please avoid repeated freeze-thaw cycles.
Stability	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.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	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.

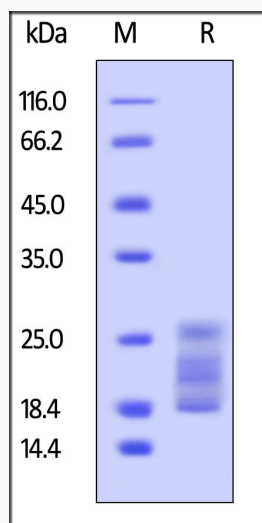
GENE INFORMATION

Gene Name	IL17a interleukin 17A [<i>Mus musculus</i>]
Official Symbol	IL17A
Synonyms	IL17A; interleukin 17A; interleukin-17A; IL17; Ctl8; IL-17; Ctl8-8; IL-17A;
Gene ID	16171
mRNA Refseq	NM_010552
Protein Refseq	NP_034682

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