

## Active Recombinant Mouse Il17a Protein (Ala26-Ala158), C-His tagged, Animal-free, Carrier-free

Cat. No. II17a-52M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Il17a Protein (Ala26-Ala158) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala26-Ala158
<b>Description</b>	Interleukin 17A (IL-17A) predicts a molecular mass of 35 kDa, encoded IL17A gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappa B and mitogen-activated protein kinases.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED50 for this effect is < 1 ng/mL. The specific activity of recombinant mouse IL-17A is > 1 × 10 <sup>6</sup> IU/mg.
<b>Molecular Mass</b>	The protein has a calculated MW of 15.92 kDa. The protein migrates about 17 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/μg of the protein by the LAL method.
<b>Purity</b>	>98% as determined by SDS-PAGE analysis.

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<b>Storage</b>	<p>This product is stable after storage at:</p> <p>-20 centigrade for 12 months in lyophilized state from date of receipt.</p> <p>-20 or -80 centigrade for 1 month under sterile conditions after reconstitution.</p> <p>Avoid repeated freeze/thaw cycles.</p>
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution containing 20 mM sodium citrate and 0.2 M NaCl, pH 4.5.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

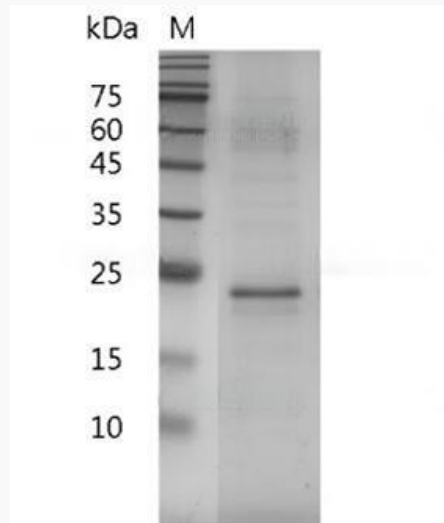
<b>Gene Name</b>	Il17a interleukin 17A [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Il17a
<b>Synonyms</b>	IL17A; interleukin 17A; interleukin-17A; cytotoxic T-lymphocyte-associated antigen 8; Il17; Ctl8; IL-17; Ctl8-8; IL-17A;
<b>Gene ID</b>	16171
<b>mRNA Refseq</b>	NM_010552
<b>Protein Refseq</b>	NP_034682
<b>UniProt ID</b>	Q62386

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**SDS-PAGE analysis  
of recombinant  
mouse IL-17A.**



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