

**RMCM014**

Recombinant IL-17A (Interleukin-17A), Mouse , AF



**Order** 021-34695924  
orders@ab-mart.com  
**Support** 400-6123-828  
support1@ab-mart.com  
**Web** www.ab-mart.com.cn

5ug;20ug;100ug;500ug;

**Synonym/Alternative name(s) :** CTLA-8

**Activity:**

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 x 10<sup>6</sup> IU/mg.

**Protein Description:**

Interleukin-17A is a protein that in humans is encoded by the IL17A gene. The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO).

**Protein Accession :** Q62386.1

**Gene ID :** 16171

**Expression Sequence:**

MAAIIPQSSACPNTAEAKDFLQNVKVNKLVFNSLGAKVSSRRPSDYLNRRSTSPWTLHRNEDPDRYPSVIWEAQCRHQRCVNAEGKLDHH  
MNSVLIQQEILVLKREPESCPTFRVEKMLVGVGCTCVASIVRQAA with polyhistidine tag at the C-terminus.

**Fusion tag :** His-tag?at?the?C-terminus

**Species :** Mouse

**Reactivity :** Mouse

**Expression Host :** Escherichia coli

**Source :** E. coli

**Purity/method:**

>98% as determined by SDS-PAGE. Ni-NTA chromatography

**Endotoxin level:**

<0.1 EU per 1 µg of the protein by the LAL method.

**Calculated Molecular Weight :** 15.92 kDa

**Formulation:**

The protein was lyophilized from a solution containing 20 mM sodium citrate, 0.2M NaCl, pH 4.5.

**Reconstitution:**

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Shipping :** Blue Ice

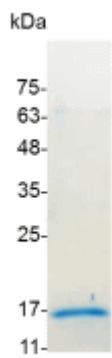
**Stability and Storage:**

Lyophilized protein should be stored at -20°C for 1 year.  
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

**Category :** Cytokines

**Application :** Cell culture, Elisa

**Image:**



SDS- PAGE analysis of recombinant mouse IL-17A