

## ARG70167 Mouse IL17 / IL17A recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg  
Store at: -20°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | E. coli expressed, His-tagged (C-ter) Active Mouse IL17 / IL17A recombinant protein              |
| Tested Application  | SDS-PAGE   |
| Target Name         | IL17 / IL17A   |
| Species             | Mouse  |
| A.A. Sequence       | Ala26 - Ala158   |
| Expression System   | E. coli  |
| Activity            | Active   |
| Alternate Names     | IL-17A; Interleukin-17A; IL-17; CTLA8; IL17; CTLA-8; Cytotoxic T-lymphocyte-associated antigen 8 |

### Properties

|                     |   |
|---------------------|---|
| Form                | Powder  |
| Purification Note   | Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.   |
| Purity              | > 98% (by SDS-PAGE)   |
| Buffer              | 20 mM sodium citrate and 0.2 M NaCl (pH 4.5)  |
| Reconstitution      | It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.                                     |
| Storage instruction | For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.  |

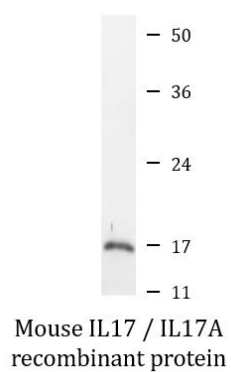
### Bioinformation

|                |  |
|----------------|--|
| Gene Symbol    | IL17A  |
| Gene Full Name | interleukin 17A  |
| Background     | 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). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provided by RefSeq, Jul 2008] |
| Function       | Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of ICAM1/intracellular adhesion molecule 1 in fibroblasts. [UniProt]   |
| Highlight      | Related products:<br><a href="#">IL17 antibodies</a> ; <a href="#">IL17 ELISA Kits</a> ; <a href="#">IL17 recombinant proteins</a> ;<br>Related news:<br><a href="#">HMGB1, a biomarker and therapeutic target in COVID-19</a>   |

PTM Found both in glycosylated and nonglycosylated forms. [UniProt]  
Cellular Localization Secreted. [UniProt]

## Images

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ARG70167 Mouse IL17 / IL17A recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70167 Mouse IL17 / IL17A recombinant protein (Active) (His-tagged, C-ter).