

# Recombinant Cynomolgus Monkey IL17A Protein

**Cat. No.** IL17A-001C    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Recombinant cynomolgus monkey IL17A protein without tag was produced in yeast.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Cynomolgus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | IL-17A is a member of the IL-17 family, which is comprised of 6 members [IL-17A, IL-17B, IL-17C, IL-17D, IL-17E (also called IL-25), and IL-17F]. IL-17 family members are involved in numerous immune regulatory functions, including inducing and mediating proinflammatory responses and allergic responses. IL-17 induces the production of many other cytokines (IL-6, G-CSF, GM-CSF, IL-1beta, TGF-beta, and TNF-alpha), chemokines, including IL-8 (CXCL8), GRO-alpha (CXCL1) and MCP-1 (CCL2) and prostaglandins from many cell types (fibroblasts, endothelial cells, epithelial cells, keratinocytes and macrophages). |
| <b>Molecular Mass</b>   | 15.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | GIAIPRNSGCPNSEDKNFPRTVMVNLNIHNRNTSTNPKRSSDYNNRSTSPWNLHRN<br>EDPERYPSVIWEAKCRHLGCVKADGNVDYHMNSVPIQQEILVLREPRHCPNSFRLE<br>KILVSVGCTCVTPIVHHVA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>     | Cell culture, ELISA Standard, Western Blot Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## GENE INFORMATION

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|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Gene Name       | IL17A interleukin 17A [ Macaca mulatta (Rhesus monkey) ] |
| Official Symbol | IL17A                                                    |
| Synonyms        | IL17A; interleukin 17A; interleukin-17A                  |
| Gene ID         | 708123                                                   |
| mRNA Refseq     | XM_001106391                                             |
| Protein Refseq  | XP_001106391                                             |
| UniProt ID      | F6T3G5                                                   |

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