



# Recombinant Mouse Interleukin-17A (Il17a)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-YP720298MO  |
| <b>Abbreviation</b>      | Il17a   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | Q62386  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | AAIIP QSSACPNT EA KDFLQNVKVN LKVFNSLGAK VSSRRPSDYL<br>NRSTSPWTLH RNEDPDRYPS VIWEAQCRHQ RCVNAEGKLD HHMNSVLIQQ<br>EILVLKREPE SCPFTFRVEK MLVGVGCTCV ASIVRQAA   |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | Il17a   |
| <b>Protein Names</b>     | Recommended name: Interleukin-17A Short name= IL-17 Short name= IL-17A<br>Alternative name(s): Cytotoxic T-lymphocyte-associated antigen 8 Short name=<br>CTLA-8  |
| <b>Expression Region</b> | 26-158  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This protein 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. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.   |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life   |



of lyophilized form is 12 months at -20°C/-80°C.