



# Recombinant Rat Interleukin-17A (Il17a)

<b>Product Code</b>	CSB-MP717213RA
<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. 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>	Q61453
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AVL IPQSSVCPNA EANNFLQNVK VNLKVINSLS SKASSRRPSD YLNIRSTSPWT LSRNEDPDRY PSVIWEAQCR HQRCVNAEGK LDHHMNSVLI QQEILVLKRE PEKCPFTFRV EKMLVGVGCT CVSSIVRHAS
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Il17a
<b>Protein Names</b>	Recommended name: Interleukin-17A Short name= IL-17 Short name= IL-17A Alternative name(s): Cytotoxic T-lymphocyte-associated antigen 8 Short name= CTLA-8
<b>Expression Region</b>	18-150
<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. 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.