

# IL17A (Human) Recombinant Protein

Catalog # P8357      Size 2 x 10 ug

## Specification

<b>Product Description</b>	Human IL17A (Q16552, 24 a.a. - 155 a.a.) partial recombinant protein with His tag at N-terminus expressed in <i>Escherichia coli</i> .
<b>Sequence</b>	GITIPRNPGCPNSEDKNFPRTVMVNLNIHNRNTNTNPKRSSDYNNRSTSPWNLHRNEDPERYPSVI WEAKCRHLGCINADGNVDYHMNSVPIQQEILVLRREPPHCPNSFRLEKILVSVGCTCVTPMHHVA
<b>Host</b>	<i>Escherichia coli</i>
<b>Theoretical MW (kDa)</b>	24.12
<b>Form</b>	Liquid
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purity</b>	> 95% by SDS-PAGE
<b>Recommend Usage</b>	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 25mM Na-Acetate pH 4.8 (50% glycerol)
<b>Storage Instruction</b>	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- SDS-PAGE

## Gene Info — IL17A

Entrez GeneID [3605](#)

<b>Protein Accession#</b>	<a href="#">Q16552</a>
<b>Gene Name</b>	IL17A
<b>Gene Alias</b>	CTLA8, IL-17, IL-17A, IL17
<b>Gene Description</b>	interleukin 17A
<b>Omim ID</b>	<a href="#">603149</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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]
<b>Other Designations</b>	OTTHUMP00000016597 cytotoxic T-lymphocyte-associated antigen 8 cytotoxic T-lymphocyte-associated protein 8 cytotoxic T-lymphocyte-associated serine esterase 8 interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8)

## Pathway

- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Arthritis](#)
- [Asthma](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Colitis](#)
- [Disease Progression](#)
- [Dyspepsia](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)

- [Infant](#)
- [Inflammation](#)
- [Multiple Sclerosis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)