

# IL25 (Rat) Recombinant protein

Catalog # P8776      Size 25 ug

## Specification

<b>Product Description</b>	Rat IL25(D3ZLB1) recombinant protein expressed in <i>Escherichia Coli</i> .
<b>Sequence</b>	CSHLPRCCPS KQQEFPEEWL KWNPAPVSPP EPLRHTHHPE SCRASKDGPL NSRAISPWSY ELDRDLNRVP QDLYHARCLC PHCVSLQTGS HMDPMGNSVP LYHNQTVFYR RPCHGEQGAH GRYCLERRLY RVSLACVCVR PRMMA.
<b>Host</b>	Escherichia coli
<b>Theoretical MW (kDa)</b>	35.5
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purity</b>	> 95% by SDS-PAGE. > 95% by RP-HPLC.
<b>Storage Buffer</b>	Lyophilized from with no additives
<b>Storage Instruction</b>	Lyophilized although stable at room temperature for 3 weeks. should be stored desiccated below -20 °C. Upon reconstitution should be stored at 4°C between 2-7 days and for future use below -20°C. F or long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

## Applications

- SDS-PAGE

## Gene Info — IL25

**Entrez GeneID** [64806](#)

**Protein Accession#** [D3ZLB1](#)

<b>Gene Name</b>	IL25
<b>Gene Alias</b>	IL-17E, IL-25, IL17E
<b>Gene Description</b>	interleukin 25
<b>Omim ID</b>	<a href="#">605658</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	<p>The protein encoded by this gene is a cytokine that shares the sequence similarity with IL17. This cytokine can induce NF-kappaB activation, and stimulate the production of IL8. Both this cytokine and IL17B are ligands for the cytokine receptor IL17BR. Studies of the similar gene in mice suggested that this cytokine may be a proinflammatory cytokine favoring Th2-type immune response. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]</p>
<b>Other Designations</b>	interleukin 17E

## Pathway

- [Cytokine-cytokine receptor interaction](#)