

## Recombinant Human IL25 Protein

Cat. No. IL25-509H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IL25 protein
<b>Species</b>	Human
<b>ProteinLength</b>	177
<b>Description</b>	<p>The protein encoded by this gene is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants.</p>
<b>Form</b>	Lyophilized
<b>AA Sequence</b>	<p>MRERPRLGEDSSLISLFLQVVAFLAMVMGHTYSHWPSCCPSKGQDTSEELLRWST            VPVPPLEPARPNRHPESECRASEDGPLNSRAISPWRYELDRDLNRLPQDLYHARCLC            PHCVSLQTGSHMDPRGNSELLYHNQTVFYRRPCHGEKGTKGYCLERRLYRVSLA            CVCVRPRVMG</p>
<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term).

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After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

**Storage** At -20 centigrade.

**Storage Buffer** PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

**Reconstitution** Reconstitute in sterile distilled H<sub>2</sub>O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

**Gene Name** IL25 interleukin 25 [ Homo sapiens (human) ]

**Official Symbol** IL25

**Synonyms** IL25; interleukin 25; IL17E, interleukin 17E; interleukin-25; IL 17E; IL 25; interleukin 17E; interleukin-17E; IL17E;

**Gene ID** 64806

**mRNA Refseq** NM\_022789

**Protein Refseq** NP\_073626

**MIM** 605658

**UniProt ID** Q9H293

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