

Recombinant Human IL25 Protein

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

SPECIFICATION

Product Overview	Recombinant human IL25 protein
Species	Human
ProteinLength	177
Description	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.
Form	Lyophilized
AA Sequence	MRERPRLGEDSSLISLFLQVVAFLAMVMGHTYSHWPSCCPSKGQDTSEELLRWST VPVPPLEPARPNRHPESCRASEDGPLNSRAISPWRYELDRDLNRLPQDLYHARCLC PHCVSLQTGSHMDPRGNSELLYHNQTVFYRRPCHGEKGTHKGYCLERRLYRVSLA CVCVRPRVMG
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	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 H₂O 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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