

Recombinant Active Human IL25 Protein, His-tagged(C-ter)

Cat. No. IL25-182H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Active Human IL25 Protein with His tag (C-ter) was expressed in E. coli.
Species	Human
Source	E.coli
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. [provided by RefSeq, Mar 2010]
Form	Powder
Bio-activity	Determined by its ability to induce IL-8 secretion in human PBMCs. The ED50 for this effect is < 5 ng/mL. Determined by its ability to induce CXCL1 secretion in HT29 cells. The ED50 for this effect is < 1 ng/mL.
AA Sequence	MYSHWPSCCPKSGQDTSEELLRWSTVPVPPLEPARPNRHPESCRASEDGPLNSRA ISPWRYELDRDLNRLPQDLYHARCLCPHCVSLQTGSHMDPRGNSSELLYHNQTVFYR RPCHGEKGTGTHKGYCLERRLYRVSLACVCVRPRVMG
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.

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Purity	> 98% (by SDS-PAGE)
Applications	SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

GENE INFORMATION

Gene Name	IL25 interleukin 25 [Homo sapiens]
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

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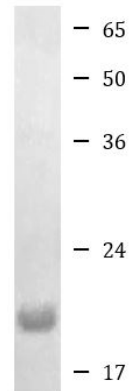
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MIM 605658

UniProt ID Q9H293

SDS-PAGE



Human IL25 / IL17E
recombinant protein

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