

Recombinant Human IL25 Protein

Cat. No. IL25-165H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL25 Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Interleukin 17E (IL-17E), also known as IL-25, is a member of the IL-17 family of cytokines. IL-17E binds to the IL-17RB receptor to stimulate the secretion of the proinflammatory interleukin 8 (IL-8) chemokine and to induce the activation of nuclear factor kappa-light-chain-enhancer of activated B cells (NF-κB).
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Dimer, 16.9/33.7 kDa (146/292 aa)
AA Sequence	MYSHWPSCCPSKGGQDTSEELLRWSTVPVPPLEPARPNRHPESCRASEDGPLNSRA ISPWRYELDRDLNRLPQDLYHARCLCPHCVSLQTGSHMDPRGNSELLYHNQTVFYR RPCHGEKGTGTHKGYCLERRLYRVSLACVCVRPRVMG
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed.

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3 months when stored at -20 to -80 centigrade after reconstituting as directed.

Storage

Storage Prior to Reconstitution: -20 centigrade

Storage Buffer

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)

Reconstitution

Sterile 10 mM HCl at 0.1 mg/mL

Shipping

Room temperature

Instructions

Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

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

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MIM	605658
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UniProt ID	Q9H293
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