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	MYSHWPSCCPSKGQDTSEELLRWSTVPVPPLEPARPNRHPESCRASEDGPLNSRA ISPWRYELDRDLNRLPQDLYHARCLCPHCVSLQTGSHMDPRGNSELLYHNQTVFYR RPCHGEKGTHKGYCLERRLYRVSLACVCVRPRVMG
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
UniProt ID	Q9H293

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