

IL-17E Human E. coli

Product Data Sheet

Type: Recombinant	Cat. No.:	
Source: E. coli	RBG10017E005	(5 µg)
Species: Human	RBG10017E025	(25 µg)
Other names: IL-25	RBG10017E100	(100 µg)

Description

IL-17E is a disulfide-linked homodimer of two 145 amino acid polypeptide chains. It belongs to the IL-17 family of structurally-related cytokines that share a highly conserved C-terminal region, but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17E stimulates secretion of IL-8, and induces activation of the transcription factor NF- κ B in cells that express the IL-17BR receptor. Recombinant Human IL-17E is a 33.8 kDa disulfide-linked homodimer of two 146 amino acid polypeptide chains.

Research topic

Immune Response, Infection and Inflammation

Amino Acid Sequence

MYSHWPSCCP SKGQDTSEEL LRWSTVPVPP LEPARPNRHP ESCRASEDGP LNSRAISPWR YELDRDLNRL PQDLYHARCL
CPHCVSLQGTG SHMDPRGNSE LLYHNQTVFY RRPCHGEKGT HKGYCLERRL YRVSLACVCV RPRVMG

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to induce IL-8 in human PBMCs using a concentration range of 10-100 ng.

Endotoxin

Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Storage, Stability/Shelf Life

-20°C

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