Il17f
Recombinant Mouse Interleukin-17F

Catalog No.	CS321A	**Quantity:**	5 µg
	CS321B		25 µg
	CS321C		1 mg
	CS321D		100 µg

Alternate Names: IL-17F

Description: Interleukin 17F (IL-17F) is one of six members of the IL-17 family (IL-17A-F) secreted by activated CD4+ T cells and monocytes. Similar to IL-17A, IL-17F binds to the IL17 RC receptor and promotes the production of IL-6, IL-8, GM-CSF and increases matrix turnover rates. IL-17F is also thought to inhibit angiogenesis and induce endothelial cells to produce IL-2, MCP-1 and TGF-β1.

Gene ID: 257630

UniProt ID: Q7TNI7

Source: *E. coli*

Molecular Weight: 15.0/30.0 kDa (134/268 aa) dimer

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

Purity: ≥ 95% determined by reducing and non-reducing SDS-PAGE

Endotoxin Level: ≤ 1 EU/µg by kinetic LAL analysis

Amino Acid Sequence: MRKNPKAGVP ALQKAGNCPP LEDNTVRVDI RIFNQNQGIS VPREFQNRSS SPWDYNITRD PHRFPSEIAE AQCRHSGCIN AQGQEDSTMN SVAIQQEILV LRREPQGCSN SFRLEKMLLK VGCTCVKPIV HQAA

Reconstitution: **Centrifuge vial before opening.** When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions.

Storage & Stability: Lyophilized product is stable at room temperature for shipping purposes. Upon receipt, store at -20°C to -80°C for up to 1 year.

Upon reconstitution, the preparation is stable for up to one month at 2-8°C. For long term storage, prepare working aliquots and store at -20 to -80°C. For maximal stability, dilute to working aliquots in a 0.1% BSA solution.

Avoid repeated freeze-thaw cycles.

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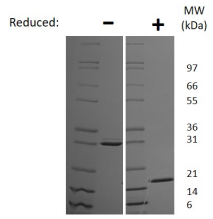

Mouse IL-17F Gel
Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse IL-17F is a homodimer with a predicted MW of 30.0 kDa (each monomer is 15.0 kDa).

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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