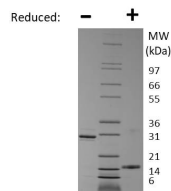


## II17f

### Recombinant Rat Interleukin-17F

<b>Catalog No.</b>	CS325A CS325B CS325C CS325D	<b>Quantity:</b>	5 µg 25 µg 1 mg 100 µg
<b>Alternate Names:</b>	IL-17F		
<b>Description:</b>	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, G-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. Recombinant rat IL-17F is a non-glycosylated, disulfide-linked homodimer.		
<b>Gene ID:</b>	301291		
<b>UniProt ID:</b>	Q5BJ95		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	15.0/30.1 kDa (135/270 aa) dimer		
<b>Formulation:</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)		
<b>Purity:</b>	≥ 95% by reducing and non-reducing SDS-PAGE		
<b>Endotoxin Level:</b>	≤ 1 EU/µg by kinetic LAL analysis		
<b>Amino Acid Sequence:</b>	MARRNPKVGL SALQKAGNCP PLEDNSVRVD IRIFNQNQGI SVPRDFQNRS SSPWD YNITR DPDRFPSEIA EAQCRHSGCI NAQQQEDGSM NSV PIQQEIL VLRREPQGCS NSFRLEKMLI KVGCTCVTPV VHAA		
<b>Reconstitution:</b>	<b>Centrifuge vial before opening.</b> 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.		
<b>Storage &amp; Stability:</b>	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage. <b>Avoid repeated freeze-thaw cycles.</b>		





**Rat 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. Rat IL-17F is a dimer with a predicted MW of 30.1 kDa (each monomer is 15.0 kDa).

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



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