

32-12195: Rat Interleukin-17F

Gene :	ll17f
Gene ID :	301291
Uniprot ID :	Q5BJ95
Alternative Name :	IL-17F

Description

Source: Genetically modified E.coli.

Predicted MW: Dimer, 15.0/30.1 kDa (135/270 aa)

 Interleukin 17F (IL-17F), a member of the IL-17 cytokine family, is secreted by activated CD4+ T cells and monocytes. IL-17F binds the IL-17 receptor related molecule, IL17RC, to promote the production of the interleukin 6 (IL-6), interleukin 8 (IL-8), and granulocyte macrophage colony-stimulating factor (GM-CSF) cytokines. Â IL-17F also functions to regulate matrix turnover rates, inhibit endothelial cell angiogenesis, and induce the endothelial cell expression of interleukin 2 (IL-2), monocyte chemoattractant protein-1 (MCP-1), and transforming growth factor beta 1 (TGF-beta 1). Â

Product Info

Amount : Purification :	25 μg / 100 μg Reducing and Non-Reducing SDS PAGE at >= 95%	
Furnication .	5	
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile water at 0.1 mg/mL	
Storage condition :	Store at -20°C	
Amino Acid :	MARRNPKVGL SALQKAGNCP PLEDNSVRVD IRIFNQNQGI SVPRDFQNRS SSPWDYNITR DPDRFPSEIA EAQCRHSGCI NAQGQEDGSM NSVPIQQEIL VLRREPQGCS NSFRLEKMLI KVGCTCVTPI VHHAA	

Application Note

Endotoxin: Less than 0.1 ng/ \tilde{A} $\hat{A}\mu g$ (1 IEU/ \tilde{A} $\hat{A}\mu g$) as determined by LAL test.

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 \tilde{A} \square \hat{A} °C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss. \tilde{A} \square \hat{A} \tilde{A} \square \hat{A}

Reduced: — 十		
	MW (kDa)	
	97 66	
	36	
	31	
=	21 14 6	
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).		

For Research Use Only. Not for use in diagnostic/therapeutics procedures.



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982 Email: info@abeomics.com

