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

32-12192: Human Interleukin-17F

Gene : IL17F
Gene ID : 112744
Uniprot ID : Q96PD4
Alternative Name : Cytokine ML-1

Description

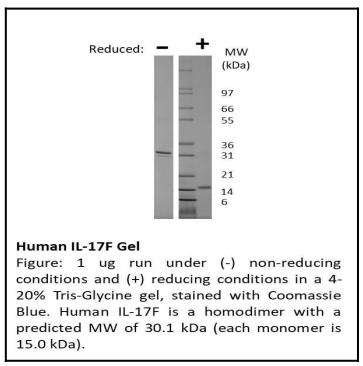
Source: Genetically modified E.coli.
Predicted MW:Â Dimer, 15.0/30.1 kDa (134/268 aa)
Â Interleukin 17F (IL-17F), a member of the IL-17 cytokine family, is secreted by activated CD4+ T cells and monocytes. IL-17F binds the IL-17 receptor related molecule, IL17RC, to promote the production of the interleukin 6 (IL-6), interleukin 8 (IL-8), and granulocyte macrophage colony-stimulating factor (GM-CSF) cytokines. 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-b1). Â

Product Info

Amount :	25 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
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 :	MRKIPKVGHT FFQKPESCPP VPGGSMKLDI GIINENQRVS MSRNIESRST SPWNYTVTWD PNRYPSEVVQ AQCRNLGCIN AQGKEDISMN SVPIQQETLV VRRKHQGCSV SFQLEKVLVT VGCTCVTPVI HHVQ

Application Note

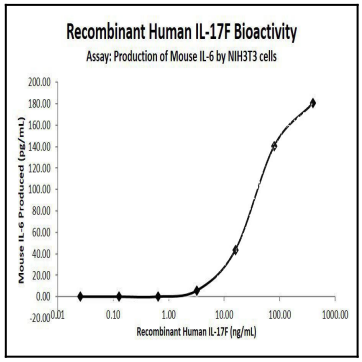
Endotoxin: Less than 0.1 ng/Ã‚Âµg (1 IEU/Ã‚Âµg) as determined by LAL test.
Biological Activity was determined by Production of IL-6 from mouse 3T3 cells at <= 100 ng/mL; >= 1.0 x 10^4 units/mg. Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down 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 -80Ã‚Â°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.



Human 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. Human IL-17F is a homodimer 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



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