

IL-17F, Human CellExp™, human recombinant

CATALOG #:	6469-10	10 µg
	6469-50	50 µg
ALTERNATE NAMES:	IL17A/F, IL17 A/F, IL-17A/F, IL-17 A/F, IL17AF, IL-17 AF, Interleukin-17 A/F, Interleukin-17 AF.	
SOURCE:	Human 293 Cell Expressed	
PURITY:	> 95% by SDS - PAGE	
MOL. WEIGHT:	38 kDa, homodimer, glycosylated	
ENDOTOXIN LEVEL:	< 1.0 EU per 1 µg of protein	
FORMULATION:	Lyophilized in PBS.	
RECONSTITUTION:	Reconstitute in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.	
STORAGE CONDITIONS:	Aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.	

ADVANTAGES:

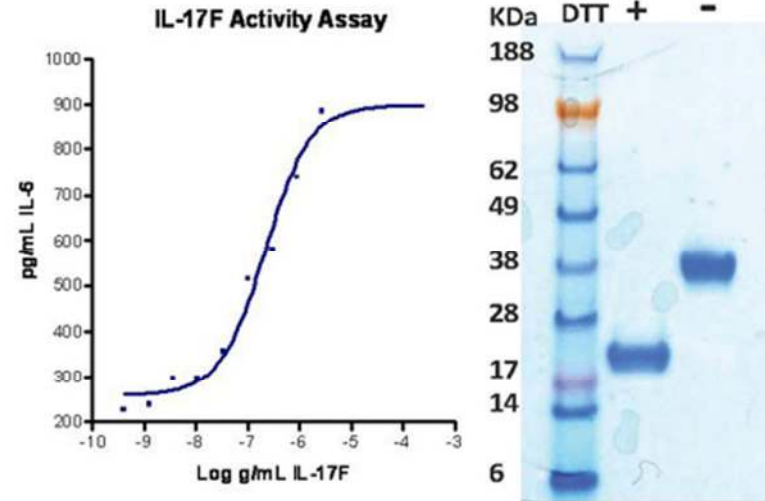
- Animal-derived product free
- High Activity
- Authentic Glycosylation

DESCRIPTION:

Interleukin-17 is a proinflammatory cytokine produced by activated T cells. IL-17 regulates the activities of NF-kappaB and mitogen-activated protein kinases. IL17 can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of IL-17 are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. IL-17F is a member of the IL-17 family of structurally-related cytokines. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17F stimulates proliferation and activation of T-cells and PBMCs. IL-17F also regulates cartilage matrix turnover and inhibits angiogenesis.

BIOLOGICAL ACTIVITY:

ED₅₀ is typically 100 to 500 ng/mL. The specific activity was determined by the dose-dependent induction of IL-6 secretion from NHDF Adult fibroblasts..



Human Cell^{exp} Human Recombinant IL-17F

RELATED PRODUCTS:

- Human Cell^{exp} Human Recombinant IL-17A (Cat # 6468-10, -50)
- IL-17, murine recombinant (Cat # 4177-10, -1000)
- IL-17A, human recombinant (Cat # 4176-25, -1000)
- IL-17A, rat recombinant (Cat # 4178-25, -1000)
- IL-17A/F, human recombinant (Cat # 4176AF-10, -50, -1000)
- IL-17E, human recombinant (Cat # 4176E-25, -1000)
- IL-17E, murine recombinant (Cat # 4177E-25, -100, -1000)
- IL-17E, rat recombinant (Cat # 4178E-25, -100, -1000)
- IL-17F, human recombinant (Cat # 4176F-25, -1000)
- IL-17F, murine recombinant (Cat # 4177F-25, -100, -1000)
- IL-17F, rat recombinant (Cat # 4178F-25, -100, -1000)
- IL-17 Antibody (Cat # 5176-200)

FOR RESEARCH USE ONLY! Not to be used in humans.

