


Human IL17F protein

Cat #: PRP1944

Size: 10 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human IL17F protein		
REF	Catalog Number: PRP1944	LOT	Lot Number: Refer to product label
	Purity: >95 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: <i>E. coli</i>
	Shipping: The product is shipped at ambient temperature.		

Background: Interleukin -17F(IL-17F) is a cytokine with similar sequence to IL-17. The most significant role of IL-17 is to participate in inducing and mediating pro-inflammatory reaction. IL-17 is usually associated with allergic reactions. IL-17F is expressed by activated T cells and only in activated CD4+ T cells and activated monocytes. IL-17F has been shown to stimulate the production of several other cytokines, including IL-6 and IL-8. Today, IL-17 represents a family of structurally related cytokines, which share a highly conserved C- terminal region, but differ from each other in N- terminal region and different biological functions. Six known members of this family, IL-17A to IL-17F, are secreted as homodimer. IL-17F also regulates cartilage matrix renewal and inhibits angiogenesis.

Sequence: Amino acid sequence derived from Human IL17F (Q96PD4) (Arg31-Gln163) was expressed with 6xHis tag at N-terminus.

Protein length: The recombinant Human IL17F consists of 133 amino acids and predicts a molecular mass of 14.9 kDa.

Biological Activity: Testing in progress.

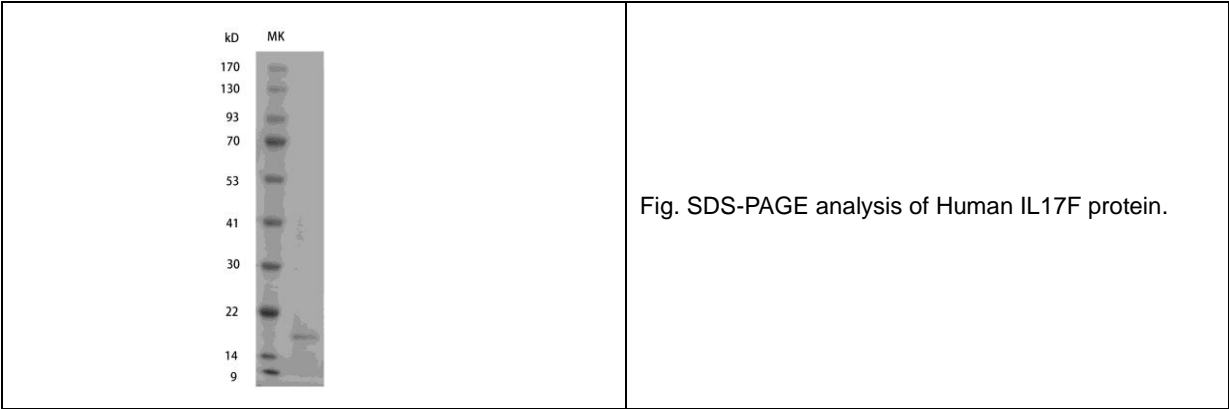
Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Formulation: Liquid in from sterile 20 mM PBS , 5% glycerol, pH 5.0.

Storage Instructions: The recombinant Human IL17F protein product should be stored desiccated below -20°C. The protein should be stored at 4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to diluted the protein using the PBS buffer or

Protein storage solution to working concentration.



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