

## Product datasheet for **TP727673**

### Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Human Interleukin-17F/IL-17F (Human Cells)
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	Arg31-Gln163
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Note:</b>	Recombinant Human Interleukin-17F is produced by our Mammalian expression system and the target gene encoding Arg31-Gln163 is expressed.
<b>Storage:</b>	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Stability:</b>	12 months from date of despatch
<b>Synonyms:</b>	Interleukin-17F; IL-17F; Cytokine ML-1; Interleukin-24; IL-24; IL17F; IL24
<b>Summary:</b>	Interleukin-17F (IL-17F) exists in a disulfide-linked heterodimer that belongs to the IL-17 family. IL-17F is expressed in activated, but not resting, CD4+ T-cells and activated monocytes. IL-17F has been shown to stimulate the production of several other cytokines, including IL-6, IL-8, and granulocyte colony-stimulating factor. IL-17F can regulate cartilage matrix turnover and stimulates PBMC and T-cell proliferation. IL-17F is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. Defects in IL-17F are the cause of familial candidiasis type 6 (CANDF6).



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