

Product datasheet for **TP727079**

IL17f Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Interleukin-17F/IL-17F (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Arg29-Ala161
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Interleukin-17F is produced by our Mammalian expression system and the target gene encoding Arg29-Ala161 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	257630
UniProt ID:	Q7TNI7
Summary:	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. Mouse and human IL-17F share 55% sequence identity. 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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