

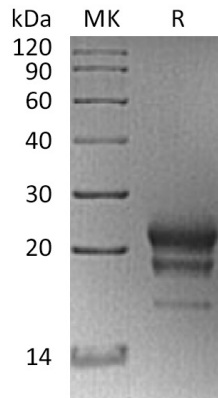
重组小鼠白介素17F(IL-17F)

IL-17F, Recombinant Mouse Interleukin-17F (C-6His)

Cat. No.: MA1398-1 Size: 10 μ g

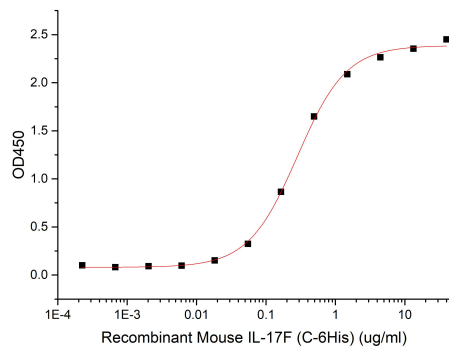
Source:	Human Cells
Description:	Recombinant Mouse Interleukin-17F is produced by our Mammalian expression system and the target gene encoding Arg29-Ala161 is expressed with a 6His tag at the C-terminus.
Accession:	Q7TNI7
Known As:	Interleukin-17F; IL-17F; Cytokine ML-1; IL17F
Predicted Mol Mass:	15.9 KDa
Apparent Mol Mass:	17-23 KDa, reducing conditions
Endotoxin:	< 1 EU/ μ g as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.
Reconstitution:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage:	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Background:	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, TGF β 1/TGF β , and monocyte chemoattractant protein-1. Defects in IL-17F are the cause of familial candidiasis type 6 (CANDF6).
Purity-SDS-PAGE:	





Greater than 95% as determined by reducing SDS-PAGE.

Bioactivity-ELISA:



Immobilized Mouse IL-17RA-Fc at 1 μ g/ml (100 μ l/well) can bind Mouse IL-17F-His(Cat#MA1398). The ED50 of Mouse IL-17F-His(Cat#MA1398) is 0.32 ug/ml.

