

32-7753: Recombinant Human Interleukin-17F/IL-17F (C-6His)

Gene : IL17F
Gene ID : 112744
Uniprot ID : Q96PD4

Description

Source: Human Cells.
MW :15.96kD.

Recombinant Human Interleukin-17F is produced by our Mammalian expression system and the target gene encoding Arg31-Gln163 is expressed with a 6His tag at the C-terminus. 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).

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : 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.
Amino Acid : RKIPKVGHTFFQKPESCPPVPGGSMKLDIGIINENQRVSMRNIESRSTSPWNYTVTWDPNRYPSEVVQAQCRN LGCINAQGKEDISMNSVPIQQETLVVRRKHQGCSVSFQLEKVLVTVGCTCVTPVIHRVQVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.