

IL-17A/F (C-6His), Human, Recombinant

Cat. No. : PCK176

General Information

Synonyms	IL-17A/ F Heterodimer;IL-17A&amp;IL-17F Heterodimer
Species	Human
Expression host	Human Cells
Sequence	Gly24-Ala155&Arg31-Gln163
Accession	Q16552&AAH70124.1
Tag	C-6His
Mol mass	15.1&16 KDa
Expiration date	12 months
Bio activity	Loaded Biotinylated Human IL-17RA -His-Avi on SA Biosensor, can bind Human IL-17A&17F-His with an affinity constant of 8.6 pM as determined in BLI assay.

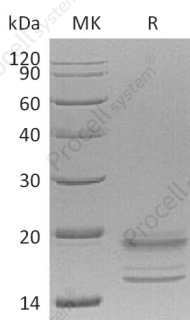
Product feature

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, 1 mM EDTA, 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 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

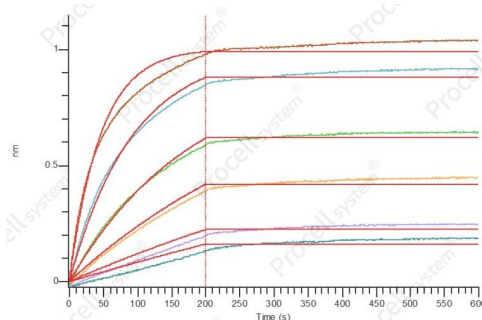
Background

The IL-17 family include IL-17A, IL-17B, IL-17C, IL-17D, IL-17E (also called IL-25), and IL-17F. The family is comprised of at least six proinflammatory Cytokines that share a conserved cysteine-knot structure but diverge at the N-terminus. All members of the IL-17 family have a similar Protein structure, with four highly conserved cysteine residues critical to their 3-dimensional shape, yet they have no sequence similarity to any other known Cytokines. IL-17 family members are glyco Proteins secreted as dimers that induce local Cytokine production and recruit granulocytes to sites of inflammation. IL-17 is induced by IL-15 and IL-23, mainly in activated CD4+ T cells distinct from Th1 or Th2 cells. IL-17F is the most homologous to IL-17, but is induced only by IL-23 in activated monocytes.

SDS-PAGE



Bio activity



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