

Product datasheet for **TP727182**

IL17 (IL17A) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-17A/F Heterodimer/IL-17A & IL-17F (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ile20-Ala155&Arg31-Gln163
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,1mM EDTA,pH7.4.
Note:	Recombinant Human Interleukin-17A/Interleukin-17F Heterodimer is produced by our Mammalian expression system and the target gene encoding Gly24-Ala155&Arg31-Gln163 is expressed with a 6His tag at the C-terminus.
Storage:	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.
Stability:	12 months from date of despatch
Locus ID:	3605
UniProt ID:	Q16552
Synonyms:	IL-17A/F Heterodimer;IL-17A&IL-17F Heterodimer
Summary:	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 glycoproteins 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.
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Cytokine-cytokine receptor interaction



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