

Interleukin-17A/F Heterodimer Human Recombinant

Item Number	rAP-0621
Synonyms	IL17A/F, IL17 A/F, IL-17A/F, IL-17 A/F, IL17AF, IL-17 AF, Interleukin-17 A/F, Interleukin-17 AF.
Description	IL-17A/F Human Recombinant produced in E.Coli is a heterodimeric, non-glycosylated polypeptide chain containing 1 monomeric subunit of each IL-17A & IL-17F. The active dimer contains 271 amino acids and having a total molecular mass of 30.7 kDa. The IL-17A/F Human is purified by proprietary chromatographic
Uniprot Accession Number	
Amino Acid Sequence	MIVKAGITIP RNP GCPNSED KNFPRTVMVN LNIHNRNTNT NPKRSSDYNN RSTSPWNLHR NEDPERYPSV IWEAKGRHLG CINADGNVDY HMNSVPIQQE ILVLRREPPH CPNSFRLEKI LVS VGCTCVT PIVHHVA. MRKIPKVGHT FFQKPESCPP VPGGSMKLDI GIINENQRVS MSRNIESRST SPWNYTVTWD PNRYPSEVVQ AQCRNLGCIN AQGKEDISMN SVPIQQETLV VRRKHQGCSV SFQLEKVLVT
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Human IL-17A/F although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Human IL-17A/F should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	IL-17A/F was lyophilized from a (0.2µm) filtered protein solution containing 0.1% TFA. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Interleukin Human IL-17A/F in sterile water at 0.1mg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The activity as determined by production of IL-6 from mouse 3T3 cells is 3.2ng/ml (3.1x10 ⁵ units/mg).
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**