

## Interleukin-17A/F Heterodimer Rat Recombinant

<b>Item Number</b>	rAP-0639
<b>Synonyms</b>	IL17A/F, IL17 A/F, IL-17A/F, IL-17 A/F, IL17AF, IL-17 AF, Interleukin-17 A/F, Interleukin-17 AF.
<b>Description</b>	IL-17A/F Rat Recombinant produced in E.Coli is a heterodimeric, non-glycosylated polypeptide chain containing 1 monomeric subunit of each IL-17A & IL-17F. The dimer contains 269 amino acids and having a total molecular mass of 30.7 kDa. The IL-17A/F Rat is purified by proprietary chromatographic
<b>Uniprot Accesion Number</b>	
<b>Amino Acid Sequence</b>	IL-17A: MAVLIPQSSV CPNAEANNFL QNVKVNLIKVL NSLSSKASSR RPSDYLNRST SPWTLSRNEPDRYPSVIWE AQCRHQRCVN AEGKLDHMMN SVLIQQEILV LKREPEKCPF TFRVEKMLVG VGCTCVSSIV RHAS.IL-17F: MARRNPKVGL SALQKAGNCP PLEDNSVRVD IRIFNQNGGI SVPRD-FQNRS SSPWDYNITR DPDRFPSEIA EAQCRHSGCI NAQQQEDGSM NSVPIQQEIL VLRREPQGCNSFRLEKMLI KVGCTCVTPI VHAA.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Rat IL-17A/F although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Rat 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.
<b>Formulation and Purity</b>	Lyophilized from a concentrated (1mg/ml) solution containing no additives. Greater than 98.0% as determined by HPLC and SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Rat IL-17A/F in sterile water not more than 1mg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	The ED50 as determined by its ability to induce of IL-6 production from NIH-3T3 cells, is 15.3-23 ng/ml.
<b>Shipping Format and Condition</b>	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**