

## Interleukin-17 Rat Recombinant

<b>Item Number</b>	rAP-0609
<b>Synonyms</b>	CTLA-8, IL-17, IL-17A, Cytotoxic T-lymphocyte-associated antigen 8, Interleukin-17A.
<b>Description</b>	Interleukin-17A Rat Recombinant produced in E.Coli is a homodimeric, non-glycosylated polypeptide chain having a molecular mass of 30 kDa. The IL-17A Rat is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q61453
<b>Amino Acid Sequence</b>	MAVLIPQSSV CPNAEANNFL QNVKVNKVL NSLSSKASSR RPSDYLNIRST SPWTLSRNEP PDRYPSVI-WE AQCRHQRCVN AEGKLDHHMN SVLIQQEILV LKREPEKCPF TFRVEKMLVG VGCTCVSSIV RHAS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Interleukin Rat 17A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Rat IL17 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 10mM NaCitrate, pH-3.0. Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Interleukin Rat 17A in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	The ED50 as determined by dose-dependent induction of IL-6 by mouse NIH 3T3 fibroblasts is 0.44-0.66ng/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**