

## Interleukin-17F Rat Recombinant

<b>Item Number</b>	rAP-0628
<b>Synonyms</b>	Cytokine ML-1, IL-17F, Interleukin-17F precursor, IL17F, ML1, ML-1.
<b>Description</b>	IL17F Rat Recombinant produced in E.Coli is a homodimeric, non-glycosylated polypeptide chain containing a total of 270 amino acids and having a molecular mass of 30 kDa. The Rat IL-17F is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q5BJ95
<b>Amino Acid Sequence</b>	MARRNPKVGL SALQKAGNCP PLEDNSVRVD IRIFNQNGGI SVPRDFQNRSSSPWDYNITR DPDRF-PSEIA EAQCRHSGCI NAQQQEDGSM NSVPIQQEIL VLRREPQGCS NSFRLEKMLI KVGCTCVTPI VHAA.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Rat IL17F although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Rat IL17F 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>	IL17F Rat was lyophilized from a concentrated (1mg/ml) solution containing no additives. 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 Rat IL17F in sterile 18MΩ-cm H <sub>2</sub> O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<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**