

Interleukin-17E Rat Recombinant

Item Number	rAP-0613
Synonyms	IL-25, IL-17E, IL17E, IL25, Interleukin-25.
Description	Interleukin-17E Rat Recombinant produced in E.Coli is a homodimeric, non-glycosylated polypeptide chain containing 145 amino acids and having a molecular mass of 35.5 kDa. The IL-25 Rat is purified by proprietary chromatographic techniques.
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Amino Acid Sequence	CSHLPRCCPS KQQEFPEEWL KWNPAVPVSP EPLRHTHHPE SCRASKDGPL NSRAISPWSY EL-DRDLNRVP QDLYHARCLC PHCVSLQTGS HMDPMGNSVP LYHNQTVFYR RPCHGEQGAH GRYCLERRLY RVSLACVCVR PRMMA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Interleukin Rat IL17E although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Rat IL-25 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	Lyophilized from a concentrated (1mg/ml) solution containing no additives. Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Interleukin Rat IL25 in sterile 10mM HCL not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
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**