

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.

Uniprot Accesion Number

Amino Acid Sequence CSHLPRCCPS KQQEFPEEWL KWNPAPVSPP 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 end users! This product is sold for **Research Use Only**