

Rat IL 17 Recombinant Protein



RPPB0614

Product Information Protein Information

Product SKU:

RPPB0614

Accession:

Q61453

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CTLA-8, IL-17, IL-17A, Cytotoxic T-lymphocyte-associated antigen 8, Interleukin-17A.

Formulation:

Lyophilized from a concentrated (1mg/ml) solution containing 10mM NaCitrate, pH-3.0.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

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.

Stability:

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.

Amino Acid Sequence:

MAVLIPQSSV CPNAEANNFL QNVKVNLIKVL NSLSSKASSR RPSDYLNRSST SPWTLSRNED PDRYPSVIWE
AQCRHQRCVN AEGKLDHMMN SVLIQQEILV LKREPEKCPF TFRVEKMLVG VGCTCVSSIV RHAS.

Biological Activity:

The ED50 as determined by dose-dependent induction of IL-6 by mouse NIH 3T3 fibroblasts is 0.44-0.66ng/ml.