

Rat IL 17A/F Recombinant Protein



RPPB0613

Product Information Protein Information

Product SKU:

RPPB0613

Host:

Escherichia Coli.

Protein description:

IL-17A/F Rat Recombinant produced in E.Coli is a heterodimeric, non-glycosylated polypeptide chain containing 1 monomeric subunit of each IL-17A & IL-17F. The dimer contains 269 amino acids and having a total molecular mass of 30.7 kDa. The IL-17A/F Rat is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

IL17A/F, IL17 A/F, IL-17A/F, IL-17 A/F, IL17AF, IL-17 AF, Interleukin-17 A/F, Interleukin-17 AF.

Formulation:

Lyophilized from a concentrated (1mg/ml) solution containing no additives.

Purity:

Greater than 98.0% as determined by HPLC and SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Rat IL-17A/F in sterile water not more than 1mg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Rat IL-17A/F although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Rat IL-17A/F 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:

IL-17A: MAVLIPQSSV CPNAEANNFL QNVKVNKLV NSLSSKASSR RPSDYLNLRST SPWTLSRNED
PDRYPSVIWE AQCRHQRCVN AEGKLDHHMN SVLIQQEILV LKREPEKCPF TFRVEKMLVG VGCTCVSSIV
RHAS.IL-17F: MARRNPKVGL SALQKAGNCP PLEDNSVRVD IRIFNQNQGI SVPRDFQNRS SSPWDYNITR
DPDRFPSEIA EAQCRHSGCI NAQQQEDGSM NSVPIQQEIL VLRREPQGCS NSFRLKMLI KVGCTCVTPI
VHHA.

Biological Activity:

The ED50 as determined by its ability to induce of IL-6 production from NIH-3T3 cells, is 15.3-23 ng/ml.