Rat IL-17A / F (heterodimer)

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
2 µg	1564.970.002		
10 µg	1564.970.010		
100 µg	1564.970.100		

Please enquire for bulk quantities and other vial sizes

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.

- **Source** *E. Coli*
- **Purity** ≥ 98 % (SDS-PAGE, HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a concentrated (1mg/ml) solution containing no additives*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The ED_{50} as determined by its ability to induce of IL-6 production from NIH-3T3 cells, is 15.3-23 ng/ml.

Reconstitution

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 avoid repeated freeze-thaw cycles**.

Amino Acid Sequence

IL-17A:MAV LIPQSSVCPN AEANNFLQNV KVNLKVLNSL SSKASSRRPS DYLNRSTSPW TLSRNEDPDR YPSVIWEAQC RHQRCVNAEG KLDHHMNSVL IQQEILVLKR EPEKCPFTFR VEKMLVGVGC TCVSSIVRHA S.IL-17F:M ARRNPKVGLS ALQKAGNCPP LEDNSVRVDI RIFNQNQGIS VPRDFQNRSS SPWDYNITRD PDRFPSEIAE AQCRHSGCIN AQGQEDGSMN SVPIQQEILV LRREPQGCSN SFRLEKMLIK VGCTCVTPIV HHAA

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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