

**IL17 A/F, Rat recombinant protein**

Interleukin 17 A/F, IL-17A, IL-17F, Interleukin 17A, Interleukin 17F

Catalog # PBV11194r

**Specification****IL17 A/F, Rat recombinant protein - Product info**

Primary Accession

[O61453](#)

Calculated MW

30.7 kDa. kDa

**IL17 A/F, Rat recombinant protein - Additional Info**

Gene ID

301289/ 301291.

Gene Symbol

IL17 A/F

**Other Names**

Interleukin 17 A/F, IL-17A, IL-17F, Interleukin 17A, Interleukin 17F

Gene Source

Rat

Source

E. coli

Assay&amp;Purity

SDS-PAGE; ≥98%

Assay2&amp;Purity2

N/A;

Recombinant

Yes

Sequence

IL-17A subunit: MAVLIPQSSV CPNAEANNFL  
QNVKVNLIKVL NSLSSKASSR RPSDYLNRS  
SPWTLNRNED PDRYPSVIWE AQCRHQRCVN  
AEGKLDHNMN SVLIQQEILV LKREPEKCPF  
TFRVEKMLVG VGCTCVSSIV RHAS  
IL-17F subunit: MARRNPKVGL  
SALQKAGNCP PLEDNSVRVD IRIFNQNGI  
SVPRDFQNRSSPWP YNITR DPDRFPSEIA  
EAQCRHSGCI NAQGQEDGSM NSVPIQQEIL  
VLRREPQGCS NSFRLEKMLI KVGCTCVTP  
VHHAA

**Target/Specificity**

IL17 A/F

**Application Notes**

Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions.

**Format**

Lyophilized

**Storage**

-20°C; Lyophilized without any additives.

**IL17 A/F, Rat recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **IL17 A/F, Rat recombinant protein - Images**

#### **IL17 A/F, Rat recombinant protein - Background**

Interleukin-17AF (IL-17AF) is a member of the IL-17 family of proteins produced by a subset of T cells, called Th17, following stimulation with IL-23. Since IL-17AF is thought to signal through the IL-17R receptor, its biological function is similar to that of IL-17A in that it induces the production of a variety of chemokines, in addition to airway neutrophilia. In regard to these functions, IL-17AF has less activity than the IL-17A homodimer but, greater activity than the IL-17F homodimer. Human and rat IL-17AF both show activity on mouse cells. Recombinant rat IL-17AF is a non-glycosylated, disulfide-linked heterodimer. It is comprised of one monomeric subunit each of IL-17A and IL-17F, having a total of 269 amino acids and a molecular weight of 30.7 kDa.

#### **IL17 A/F, Rat recombinant protein - References**

Rouvier E., et al. J. Immunol. 150:5445-5456(1993).  
Yao Z., et al. Gene 168:223-225(1996).  
Kennedy J., et al. J. Interferon Cytokine Res. 16:611-617(1996).