

IL17 A/F, Mouse recombinant protein

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

Catalog # PBV11193r

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

Primary Accession

[Q62386](#)

Calculated MW

30.7 kDa. KDa

IL17 A/F, Mouse recombinant protein - Additional Info

Gene ID

16171/257630

Gene Symbol

IL17 A/F

Other Names

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

Gene Source

Mouse

Source

E. coli

Assay&Purity

SDS-PAGE; ≥98%

Assay2&Purity2

N/A;

Recombinant

Yes

Sequence

IL-17A subunit: MAAIIPQSSACPNTAKDFLQ
NVKVNLIKVFNSLGAKVSSRRPSDYLNRSTSPW
TLHRNEDPDRYPSVIWEAQCRHQRCVNAEGKL
DHHMNSVLIQQEILVLKREPESCPFTFRVEKML
VGVGCTCVASIVRQAAIL-17F subunit: MRKNPKAGVPALQKAGNCPP
LEDNTVRVDIRIFNQNGISVPREFQNRSSSPW
DYNITRDPHRFPSEIAEAQCRHSGCINAQGQED
STMNSVAIQEILVLRREP**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, Mouse 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, Mouse recombinant protein - Images**IL17 A/F, Mouse 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 mouse 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 271 amino acids and a molecular weight of 30.7 kDa.

IL17 A/F, Mouse recombinant protein - References

Kennedy J., et al. J. Interferon Cytokine Res. 16:611-617(1996).
Yao Z., et al. Gene 168:223-225(1996).
Ivanov I.I., et al. Cell 126:1121-1133(2006).