

IL-17A, Mouse recombinant protein
CTLA-8, IL-17, IL-17A, Cytotoxic T-lymphocyte-associated antigen 8.
Catalog # PBV10740r**Specification**

IL-17A, Mouse recombinant protein - Product info

Primary Accession [Q62386](#)
Calculated MW **30 kDa** **KDa**

IL-17A, Mouse recombinant protein - Additional Info

Gene ID **16171**
Gene Symbol **IL17A**
Other Names
CTLA-8, IL-17, IL-17A, Cytotoxic T-lymphocyte-associated antigen 8.

Gene Source **Mouse**
Source **E.coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Sequence **AAIIPQSSAC PNTEAKDFLQ NVKVNLIKVFN
SLGAKVSSRR PSDYLNRRSTS PWTLHRNEDP
DRYPSVIWEA QCRHQRCVNA EGKLDHHMNS
VLIQQEILVL KREPESCPFT FRVEKMLVGV
GCTCVASIVR QAA**

Target/Specificity
IL-17A

Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format

Lyophilized powder

Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized with no additives.

IL-17A, 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](#)

IL-17A, Mouse recombinant protein - Images

IL-17A, Mouse recombinant protein - Background

The originally described IL-17 protein, now known as IL-17A, is a homodimer of two 136 amino acid chains, secreted by activated T-cells that act on stromal cells to induce production of proinflammatory and hematopoietic bioactive molecules. Today, IL-17 represents a family of structurally-related cytokines that share a highly conserved C-terminal region but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17A exhibits cross-species bioactivity between human and murine cells. Recombinant murine IL-17A is a 30.0 kDa disulfide-linked homodimer of two 133 amino acid polypeptide chains.