

IL-17D
Catalog # PVGS1606**Specification**

IL-17D - Product Information

Primary Accession [Q8TAD2](#)
Species
Human

Sequence
Ala18-Pro202

Purity
> 90% as analyzed by SDS-PAGE

Endotoxin Level
< 1 EU/ µg of protein by gel clotting method

Expression System
CHO

Formulation **Lyophilized from a 0.2 µm filtered solution in PBS.**

Reconstitution
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O or PBS up to 100 µg/ml.

Storage & Stability
Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

IL-17D - Additional Information

Gene ID 53342

Other Names
Interleukin-17D, IL-17D, Interleukin-27 {ECO:0000303|Ref.2}, IL-27 {ECO:0000303|Ref.2}, IL17D

Target Background
IL-17D is a secreted cytokine with homology to the IL-17 family of proteins. It is preferentially expressed in skeletal muscle, brain, adipose tissue, heart, lung, and pancreas. It has been reported that IL-17D has the ability to stimulate the production of other cytokines from target tissues such as endothelial cells, treatment of endothelial cells with purified rIL-17D protein stimulated the production of IL-6, IL-8, and GM-CSF. In addition, rIL-17D also demonstrated an inhibitory effect on hemopoiesis of myeloid progenitor cells in colony formation assays.

IL-17D - Protein Information

Name IL17D

Function

Induces expression of IL6, CXCL8/IL8, and CSF2/GM-CSF from endothelial cells.

Cellular Location

Secreted.

Tissue Location

Expressed preferentially in adipose, skeletal muscle and CNS.

IL-17D - 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-17D - Images