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IL-17D

Catalog # PVGS1606

Product Information

Primary Accession	Q8TAD2
Species	Human
Sequence	Ala18-Pro202
Purity	> 90% as analyzed by SDS-PAGE
Endotoxin Level	
Expression System	CHO
Formulation	Lyophilized from a 0.2 □m 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 ddH_2O or PBS up to 100 □g/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.

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.