

Rev03
Update: Dec,14,2021

DATASHEET

IL-17D, Human

Cat. No.: Z03541

Product Introduction

Species	Human
Protein Construction	IL-17D (Ala18-Pro202) Accession # Q8TAD2
Purity	> 90% as analyzed by SDS-PAGE
Endotoxin Level	< 1 EU/ μ g of protein by gel clotting method
Expression System	CHO
Apparent Molecular Weight	~12.1 kDa, on SDS-PAGE under reducing conditions.
Formulation	Lyophilized from a 0.2 μ 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 ₂ O or PBS up to 100 μ 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.

Background

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.

Synonyms : Interleukin-17D; IL-17D; IL17D

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.