

Datasheet for ABIN7319563 **IL17D Protein**



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Overview

Quantity:	100 µg
Target:	IL17D
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Interleukin-17D/IL-17D Protein
Sequence:	Ala18-Pro202
Characteristics:	Recombinant Human Interleukin-17D is produced by our E.coli expression system and the target gene encoding Ala18-Pro202 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IL17D
Alternative Name:	Interleukin-17D/IL-17D (IL17D Products)
Background:	Background: The Interleukin-17 family proteins, comprising six members (IL-17, IL-17B through IL-17F), are secreted, structurally related proteins that share a conserved cysteine-knot fold near the C-terminus, but have considerable sequence divergence at the N-terminus. IL-17 family proteins are proinflammatory cytokines that induce local cytokine production and are involved

Target Details

in the regulation of immune functions. Among IL-17 family members, IL-17D is most closely related to IL-17B, sharing 27 % aa sequence homology. IL-17D is expressed preferentially in skeletal muscle, heart, adipose tissue, lung, pancreas, and nervous system. Like other IL-17 family members, IL-17D modulates immune responses indirectly by stimulating the production of myeloid growth factors and chemokines including IL-6, IL-8, and GM-CSF. IL-17D has also been shown to suppress the proliferation of myeloid progenitors in colony formation assays. Synonym: Interleukin-17D, IL-17D, IL17D

Molecular Weight: 20.3 kDa

UniProt: [Q8TAD2](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 4 mM HCl.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.