

Datasheet for ABIN935482 IL-17 Protein



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Overview

Quantity:	25 µg
Target:	IL-17 (IL17)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	MIVKAGITIP RNP GCPNSED KNFPRTVMVN LNIHNRNTNT NPKRSSDYYN RSTSPWNLHR NEDPERYPSV IWEAKCRHLG CINADGNVDY HMNSVPIQQE ILVLRREPPH CPNSFRLEKI LVSVGCTCVT PIVHHVA
Characteristics:	Purified recombinant Human IL17 protein Expression System: E.coli Bioactivity: The ED50 as determined by the dose-dependent induction of IL-6 in primary human foreskin fibroblasts was found to be approximately 2 ng/mL. Assay #2: Measured by its ability to induce IL-6 production by NHDF cells.
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	IL-17 (IL17)
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Target Details

Alternative Name: IL17 (IL17 Products)

Background: The originally described IL17 protein, now known as IL17A, 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, IL17 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, IL17A through IL17F, are secreted as homodimers. IL17A exhibits cross-species bioactivity between human and Mouse cells.

Alternative Names: IL-17, Interleukin 17 protein, IL-17 protein, IL17, IL 17, CTLA-8 protein, IL-17 protein, IL 17 protein

Molecular Weight: 31 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in water to a concentration of 0.1-1.0 mg/mL. Keep pH below 5.0.

Buffer: Supplied lyophilized with no additives.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C
