

ARG70033
Human IL17 / IL17A recombinant protein (Active) (His-tagged, C-ter)Package: 100 µg, 20 µg
Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (C-ter) Active Human IL17 / IL17A recombinant protein
Tested Application	SDS-PAGE
Target Name	IL17 / IL17A
Species	Human
A.A. Sequence	Ile20 - Ala155
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to induce IL-6 secretion in 3T3 cells. The ED50 for this effect is < 6 ng/mL.
Alternate Names	IL-17A; Interleukin-17A; IL-17; CTLA8; IL17; CTLA-8; Cytotoxic T-lymphocyte-associated antigen 8

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IL17A
Gene Full Name	interleukin 17A
Background	The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provided by RefSeq, Jul 2008]
Function	Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of ICAM1/intracellular adhesion molecule 1 in fibroblasts. [UniProt]
Highlight	Related products:

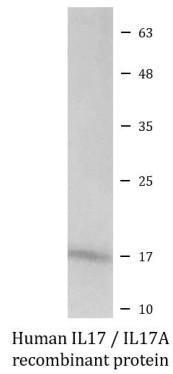
[IL17 antibodies](#); [IL17 ELISA Kits](#); [IL17 recombinant proteins](#);

Related news:

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PTM	Found both in glycosylated and nonglycosylated forms. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG70033 Human IL17 / IL17A recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70033 Human IL17 / IL17A recombinant protein (Active) (His-tagged, C-ter).
