

# Recombinant human IL-17 (IL-17A) protein ab9567

### 3 References

#### Description

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<b>Product name</b>	Recombinant human IL-17 (IL-17A) protein
<b>Biological activity</b>	Assay #1: Measured by its ability to induce IL-6 production by NHDF cells, using a concentration range of 0.5-1.5 ng/ml.  Assay #2: Measured by its ability to induce GRO $\alpha$ production by HT-29 cells, using a concentration range of 0.5-5.0 ng/ml.
<b>Purity</b>	> 98 % SDS-PAGE. Sterile filtered Greater than 98% by SDS-PAGE gel and HPLC analyses. Endotoxin level is less than 0.1 ng per $\mu$ g (1EU/ $\mu$ g).
<b>Endotoxin level</b>	< 1.000 Eu/ $\mu$ g
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<u><b>Q16552</b></u>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MIVKAGITIP RNPGCPSNED KNFPRTVMVN LNIHNRNTNT NPKRSSDYIN RSTSPWNLHR NEDPERYPSV WEAKCRHLG CINADGNVDY HMNSVPIQQE ILVLRREPPH CPNSFRLEKI LVSVGCTCVT PIVHHVA
<b>Predicted molecular weight</b>	17 kDa
<b>Amino acids</b>	20 to 155
<b>Description</b>	Recombinant human IL-17A protein

#### Specifications

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Our **Abpromise guarantee** covers the use of **ab9567** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Functional Studies SDS-PAGE
<b>Form</b>	Lyophilized

**Additional notes** Measured by its ability to induce IL6 production by NHDF cells, using a concentration range of 0.5-1.5 ng/ml.

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## Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

**Reconstitution** Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex.

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## General Info

**Function** Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of the intracellular adhesion molecule-1 (ICAM-1) in fibroblasts.

**Tissue specificity** Restricted to activated memory T-cells.

**Sequence similarities** Belongs to the IL-17 family.

**Post-translational modifications** Found both in glycosylated and nonglycosylated forms.

**Cellular localization** Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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