

## Product datasheet

# Recombinant human IL-17RA Receptor protein ab167753

[3 Images](#)

### Description

<b>Product name</b>	Recombinant human IL-17RA Receptor protein	
<b>Biological activity</b>	Measured by its ability to inhibit IL17 induced IL6 secretion by NIH-3T3 mouse embryonic fibroblast cells. The ED <sub>50</sub> for this effect is typically 0.01-0.1 µg/mL in the presence of 10 ng/mL recombinant Human IL17.	
<b>Purity</b>	> 98 % SDS-PAGE. ab167753 is lyophilized from 0.22 µm filtered solution.	
<b>Endotoxin level</b>	< 1.000 Eu/µg	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<b><u>Q96F46</u></b>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	LRLLDHRALVCSQPGLNCTVKNSTCLDDSWIHPRNLTPSS PKDLQIQLHF AHTQQGDLFPVAHIEWTLQTDASILYLEGAELSVLQLNTNE RLCVRFEFL SKLRHHHRRWRFTFSHFVVDPDQEYEVTVHHLPKPIPDG DPNHQSKNFLV PDCEHARMKVTTPCMSSGSLWDPNITVETLEAHQLRVSF TLWNESTHYQI LLTSFPHMENHSCFEHMHIPAPRPEEFHQRSNVTLTLRN LKGCCRHQVQ IQPFFSSCLNDCLRHSATVSCPEMPDTPEIPDYMLPW	
<b>Predicted molecular weight</b>	34 kDa including tags	
<b>Amino acids</b>	33 to 320	
<b>Tags</b>	His tag C-Terminus	

### Specifications

Our **Abpromise guarantee** covers the use of **ab167753** in the following tested applications.

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

**Applications** SDS-PAGE  
Functional Studies

**Form** Lyophilized

## Preparation and Storage

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**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.

pH: 7.40

Constituents: 94% PBS, 5% Trehalose

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

**Reconstitution** It is recommended to reconstitute the lyophilized protein in sterile deionized water. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% HSA or BSA) is strongly recommended for further dilution and long term storage.

## General Info

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**Function** Receptor for IL17A and IL17F. Binds its IL17A ligand with low affinity, suggesting that additional components are involved in IL17A-induced signaling.

**Tissue specificity** Widely expressed.

**Involvement in disease** Defects in IL17RA are the cause of familial candidiasis type 5 (CANDF5) [MIM:613953]. CANDF5 is a rare disorder with altered immune responses and impaired clearance of fungal infections, selective against Candida. It is characterized by persistent and/or recurrent infections of the skin, nails and mucous membranes caused by organisms of the genus Candida, mainly Candida albicans.

**Sequence similarities** Contains 1 SEFIR domain.

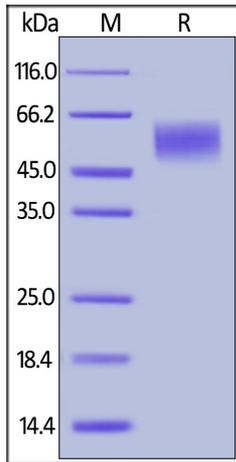
**Post-translational modifications** Glycosylated.

**Cellular localization** Membrane.

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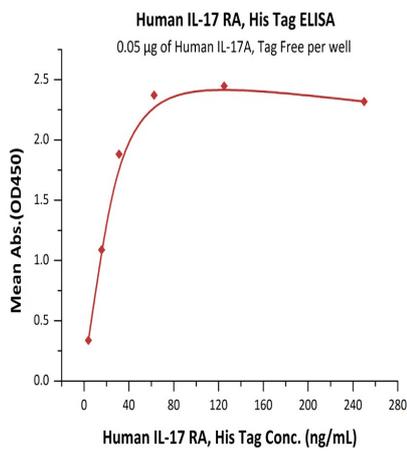
## Images

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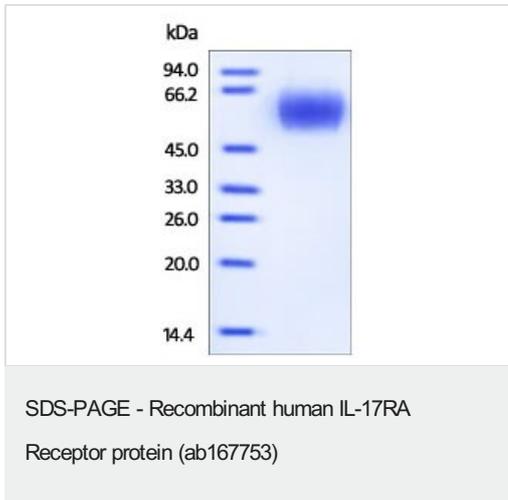
Human IL-17 RA, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 98%.

SDS-PAGE - Recombinant human IL-17RA  
Receptor protein (ab167753)



Immobilized Human IL-17A, Tag Free at 0.5 µg/mL (100 µL/well) can bind Human IL-17 RA, His Tag with a linear range of 4-31 ng/mL.

Functional Studies - Recombinant human IL-17RA  
Receptor protein (ab167753)



SDS-PAGE analysis of reduced ab167753 stained overnight with Coomassie Blue.

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

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