

Product datasheet

Recombinant human IL-17RA Receptor protein ab167753

1 Image

Overview

Product name	Recombinant human IL-17RA Receptor protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	HEK 293 cells
Amino Acid Sequence	
Accession	Q96F46
Species	Human
Sequence	<p>LRLLDHRALVCSQPGLNCTVKNSTCLDDSWIHPRNLT PSSPKDLQQLHF AHTQQGDLFPVAHIEWTLQTDASILYLEGAELSVLQLNT NERLCVRFEFL SKLRHHHRRWRFTFSHFVVDPDQEYEVTVHHLPKPIP DGDPNHQSKNFLV PDCEHARMKVTTPCMSSGSLWDPNITVETLEAHQLRV SFTLWNESTHYQI LLTSFPHMENHSCFEHMHIPAPRPEEFHQRSNVTTL RNLKGCCRHQVQ IQPFFSSCLNDCLRHSATVSCPEMPDTPEPIPDMPL W</p>
Molecular weight	34 kDa including tags
Amino acids	33 to 320
Tags	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.

Biological activity Measured by its ability to inhibit IL17 induced IL6 secretion by NIH-3T3 mouse embryonic

fibroblast cells. The ED₅₀ for this effect is typically 0.01-0.1 µg/mL in the presence of 10 ng/mL recombinant Human IL17.

Applications

SDS-PAGE
Functional Studies

Endotoxin level

< 1.000 Eu/µg

Purity

> 98 % SDS-PAGE.
ab167753 is lyophilized from 0.22 µm filtered solution.

Form

Lyophilised

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.

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

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.

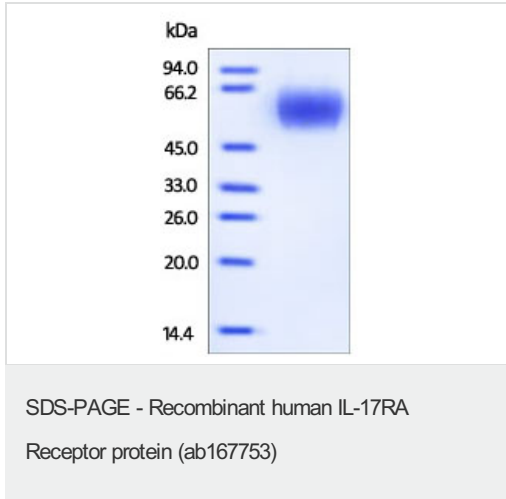
Post-translational modifications

Glycosylated.

Cellular localization

Membrane.

Images



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

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