

Recombinant Human IL17BR, Fc-tagged

IL17BR-212H Human

Lot. No. (See product label)

Specification

Product Overview

A DNA sequence encoding the human IL17BR (NP_061195.2) (Met1-Gly289) was expressed with the Fc region of human IgG1 at the C-terminus.

Description

Interleukin-17 receptor B, also known as IL-17 receptor B, IL-17RB, Cytokine receptor-like 4, IL-17 receptor homolog 1, Interleukin-17B receptor, IL-17B receptor, IL17RB and CRL4, is a secreted and single-pass type I membrane protein which contains one SEFIR domain. IL-17B receptor / IL17RB is expressed in several endocrine tissues, mostly in fetal and adult liver, kidney, pancreas, testis, colon, brain and small intestine; not detected in peripheral blood leukocytes, lymphoid organs, and most cell lines. IL-17B receptor / IL17RB is a receptor for the proinflammatory cytokines IL17B and IL17E. IL-17B receptor / IL17RB does not bind to IL17 and IL17C. IL-17B receptor / IL17RB may play a role in controlling the growth and / or differentiation of hematopoietic cells. IL-17B receptor / IL17RB has also been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E.

Source

Human Cells

Species

Human

Tag

Fc

Predicted N Terminal

Arg 18

Form

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Molecular Mass

The recombinant human IL17BR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 513 amino acids and has a predicted molecular mass of 56.9 kDa. The apparent molecular mass of the protein is approximately 67 kDa in SDS-PAGE under reducing conditions.

Endotoxin

<1.0 eu per µg of the protein as determined by the lal

Purity

>85 % as determined by SDS-PAGE

Stability

Samples are stable for up to twelve months from date of receipt at -70

Storage

Store it under sterile conditions at -70. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Gene Information

Gene Name

[IL17RB](#)?[interleukin 17 receptor B](#) [[?Homo sapiens?\(human\)](#)]

Official Symbol

IL17RB

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Synonyms IL17RB; CRL4; EVI27; IL17BR; IL17RH1; interleukin 17 receptor B; interleukin-17 receptor B; IL-17RB; IL-17Rh1; IL-17B receptor; IL-17 receptor B; cytokine receptor CRL4; IL-17 receptor homolog 1; cytokine receptor-like 4; interleukin 17B receptor; interle

Gene ID [55540](#)

mRNA Refseq [NM_018725](#)

Protein Refseq [NP_061195](#)

MIM [605458](#)

UniProt ID [Q9NRM6](#)

Chromosome Location 3p21.1

Pathway Cytokine-cytokine receptor interaction

Function cytokine receptor activity

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