

Recombinant Human IL17BR, Fc-tagged

Cat. No. IL17BR-212H 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.
Species	Human
Source	Human Cells
ProteinLength	1-289 a.a.
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.
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

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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°C

Storage

Store it under sterile conditions at -70°C. 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

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](#)

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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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