

## Active Recombinant Human IL17RB Protein, Fc-tagged

Cat. No. IL17RB-483H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IL17BR (NP_061195.2) (Met1-Gly289) was expressed with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-289 a.a.
<b>Predicted N Terminal</b>	Arg 18
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Bio-activity</b>	1. Measured by its binding ability in a functional ELISA.2. Immobilized human IL17BR-Fc at 10µg/mL (100µL/well) can bind biotinylated human Fc-IL25 (Cat:10096-H01H).The EC50 of human Fc-IL25 (Cat:10096-H01H) is 4.5-10.4ng/mL.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE.

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<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	IL17RB interleukin 17 receptor B [ Homo sapiens ]
<b>Official Symbol</b>	IL17RB
<b>Synonyms</b>	IL17RB; interleukin 17 receptor B; IL17BR, interleukin 17B receptor; interleukin-17 receptor B; CRL4; EVI27; IL17RH1; 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; interleukin-17B receptor; interleukin 17 receptor homolog 1; IL17BR; MGC5245;
<b>Gene ID</b>	55540
<b>mRNA Refseq</b>	NM_018725
<b>Protein Refseq</b>	NP_061195
<b>MIM</b>	605458
<b>UniProt ID</b>	Q9NRM6
<b>Chromosome</b>	3p21.1

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**Location**

**Pathway**

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

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