

Active Recombinant Human IL17RB Protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant human IL17BR (NP_061195.2) (Met1-Gly289) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-289 a.a.
Predicted N Terminal	Arg 18
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	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.
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 method.
Purity	>85 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	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.
Reconstitution	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

Gene Name	IL17RB interleukin 17 receptor B [Homo sapiens]
Official Symbol	IL17RB
Synonyms	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;
Gene ID	55540
mRNA Refseq	NM_018725
Protein Refseq	NP_061195
MIM	605458
UniProt ID	Q9NRM6
Chromosome	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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