

Recombinant Human IL17RB, hlgG-His-tagged

Cat. No. IL17RB-41H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL17RB, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Description	IL17RB, also known as Interleukin-17 receptor B, is a cytokine receptor. This receptor specifically binds to IL17B and IL17E (IL25), but does not bind to IL17(A) or IL17C. It has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. It was found to be significantly up-regulated during intestinal inflammation, which suggested the immunoregulatory activity of this receptor.
Source	Insect cell
Species	Human
Tag	hlgG-His
Form	Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.
Molecular Mass	57.2kDa (514aa), Reducing conditions 50-70KDa (SDS-PAGE under reducing conditions.)
AA Sequence	REPTVQCGSE TGPSPEWMLQ HDLIPGDLRD LRVEPVTTTSV ATGDYSILMN VSWVLRADAS IRLKATKIC VTGKSNFQSY SCVRCNYTEA FQTQTRPSGG KWTFSYIGFP VELNTVYFIG AHNIPNANMN EDGPSMSVNF TSPGCLDHIM KYKKKCVKAG SLWDPNITAC KKNEETVEVN FTTTPLGNRY MALIQHSTII GFSQVFEPHQ KKQTRASVVI PVTGDSEGAT VQLTPYFPTC GSDCIRHKGT

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VVLCPQTGVP FPLDNNKSKP GGWLPVEPKS CDKTHTCPPC PAPELLGGPS
 VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT
 KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA
 KGQPREPQVY TLPPSRDELT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN
 NYKTTTPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK
 SLSLSPGKHH HHHH

Endotoxin < 1.0 eu per 1 microgram of protein (determined by lal)

Purity >85% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25mg/ml (determined by Bradford assay)

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](#)

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Protein Refseq	NP_061195
MIM	605458
UniProt ID	Q9NRM6
Chromosome Location	3p21.1
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	cytokine receptor activity; receptor activity;

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